Directions of Test

Test Name	Actual MH-CET 2018	Total Questions	200	Total Time	150 Mins

Section Name	No. of Questions	Marks per Question	Negative Marking
Analytical & Logical Reasoning	75	1	0
Abstract Reasoning	25	1	0
Verbal Usage & Reading Comprehension	50	1	0
Quantitative Ability	50	1	0

Section : Analytical & Logical Reasoning

DIRECTIONS for the question: *Solve the following question and mark the best possible option.*

Question No. : 1

Point A is 19m to the south of Point B. Point C is 17m to the west of Point A. Point D is 7m to the north of point C. Point E is 6m to the west of Point D. Point F is 6m to the north of Point E. Point G is 8m to the east of point F. Point H is 6m to the south of point Q.

If Point J is 7m to the north of point A, what is the distance between point E and point J?

A) 24m B) 25m C) 12m D) 11m E) 23m

DIRECTIONS for the question: *Solve the following question and mark the best possible option.*

Question No. : 2

Point A is 19m to the south of Point B. Point C is 17m to the west of Point A. Point D is 7m to the north of point C. Point E is 6m to the west of Point D. Point F is 6m to the north of Point E. Point G is 8m to the east of point F. Point H is 6m to the south of point Q.

Which of the given points lie in a straight line?

(A) DGH (B) EGB (C) FGB (D) EDH

A) Only C B) Only C and D C) Only B D) Only A and B E) Only D

DIRECTIONS for the question: *Solve the following question and mark the best possible option.*

Question No. : 3

Point A is 19m to the south of Point B. Point C is 17m to the west of Point A. Point D is 7m to the north of point C. Point E is 6m to the west of Point D. Point F is 6m to the north of Point E. Point G is 8m to the east of point F. Point H is 6m to the south of point Q.

In which direction is point H with respect to Point A?

A) South B) North-east C) North-west D) North E) South-east

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DIRECTIONS for the question: *Solve the following question and mark the best possible option.*

Question No. : 4

Point A is 19m to the south of Point B. Point C is 17m to the west of Point A. Point D is 7m to the north of point C. Point E is 6m to the west of Point D. Point F is 6m to the north of Point E. Point G is 8m to the east of point F. Point H is 6m to the south of point Q.

What is the distance between point D and point H?

A) 6m B) 8m C) 9m D) 2m E) Cannot be determined

DIRECTIONS for the question: *Solve the following question and mark the best possible option.*

Question No. : 5

A is the father of only B and D. D is married to E. E is the only daughter of H.G is the only sibling of E. J is married to H. J is the grandmother of P. G is unmarried. F is the brother-in-law of D.

How is D related to P?

A) Cannot be determined B) Mother C) Aunt D) Father E) Uncle

DIRECTIONS for the question: *Solve the following question and mark the best possible option.*

Question No. : 6

A is the father of only B and D. D is married to E. E is the only daughter of H.G is the only sibling of E. J is married to H. J is the grandmother of P. G is unmarried. F is the brother-in-law of D.

If R is married to A, how is F related to R?

A) Son B) Son-in-law C) Grandson D) Brother E) Father-in-law

DIRECTIONS for the question: *Solve the following question and mark the best possible option.*

Question No. : 7

A is the father of only B and D. D is married to E. E is the only daughter of H.G is the only sibling of E. J is married to H. J is the grandmother of P. G is unmarried. F is the brother-in-law of D.

How is P related to G?

A) Mother-in-law B) Cousin C) Either 'Aunt' or 'Uncle' D) Brother-in-law E) Either 'nephew' or 'niece'

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DIRECTIONS for the question: *Solve the following question and mark the best possible option.*

Question No. : 8

A is the father of only B and D. D is married to E. E is the only daughter of H.G is the only sibling of E. J is married to H. J is the grandmother of P. G is unmarried. F is the brother-in-law of D.

How is E related to B?

A) Sister B) Sister-in-law C) Aunt D) Niece E) Daughter-in-law

DIRECTION for the question: *Read the information given and answer the question that follows.*

Question No. : 9

In country A, if annual profit of an airline is less than half the input costs, the airline shall be eligible to earn fuel subsidy.

Which of the following is definitely true based on the given rule?

A) An airline with profit of $100 million in a year: it shows a profit for $50 million would definitely get the subsidy
B) An airline with input equal to the total earning (income + profit) at the end of the year will get fuel subsidy
C) It is not possible for any country to provide fuel subsidy to all operational airlines at any given point in time
D) An airline with input costs of $100 million cannot show profit more than or equal to $50 million in orderto earn the fuel subsidy
E) None is true

DIRECTION for the question: *Read the information given and answer the question that follows.*

Question No. : 10

You have to pick from the given options the arguments which is/are strong pertaining to the given statement.

Statement: Should the government introduce air-ambulance (helicopter service) for emergency with immediate effect in city A?
Argument (I) No, there are only two helipads in the city and both are atleast 25 km away from the nearest hospital.
Argument (II) No, some cardiac patients cannot be air-lifted owing to the risk involved.
Argument (III) No, it is a source of noise pollution in the city.
Argument (IV) Yes, charge for air-lifting patients in City A will be Rs. 10,000 as against Rs. 11,000 in many other cities.

A) Only (III) is strong B) Both (I) and (IV) are strong C) Both (II) and (III) are strong D) Only (I) is strong
E) None of the given arguments is strong

DIRECTIONS for the question: *Solve the following question and mark the best possible option.*

Question No. : 11

Statement: P > A > S < R < K; G > O < S > L > Z

Conclusion I: P < Z
Conclusion II: G = K

A) if only Conclusion I is true B) if only Conclusion II is true C) if either Conclusion I or II is true
D) if neither Conclusion I nor II is true E) if both Conclusions I and II are true

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DIRECTIONS for the question: *Solve the following question and mark the best possible option.*

Question No. : 12

Statement: P > A > S < R < K; G > O < S > L > Z

Conclusion I: O < R
Conclusion II: L > A

A) if only Conclusion I is true B) if only Conclusion II is true C) if either Conclusion I or II is true
D) if neither Conclusion I nor II is true E) if both Conclusions I and II are true

DIRECTIONS for the question: *Solve the following question and mark the best possible option.*

Question No. : 13

Statement: B ≥ D ≥ S ≥ U ≤ M ; J ≤ P < U > F > V

Conclusion I: J ≤ M
Conclusion II: D > P

A) if only Conclusion I is true B) if only Conclusion II is true C) if either Conclusion I or II is true
D) if neither Conclusion I nor II is true E) if both Conclusions I and II are true

DIRECTIONS for the question: *Solve the following question and mark the best possible option.*

Question No. : 14

Statement: B ≥ D ≥ S ≥ U ≤ M; J ≤ P < U > F > V

Conclusion I: F < B
Conclusion II: D > V

A) if only Conclusion I is true B) if only Conclusion II is true C) if either Conclusion I or II is true
D) if neither Conclusion I nor II is true E) if both Conclusions I and II are true

DIRECTION for the question: *Read the information given and answer the question that follows.*

Question No. : 15

Statement: Courier company A had a delay (in delivery) rate of 3.2% whereas company B had 20% higher delay in delivery than A. This shows that A is more efficient than B.

Which of the following weakens the above statement?

A) Overall profit earned by B managed to catch up with A for the first time this month ever since they started operation.
B) The number of fragile material damaged in transit is more in B than A.
C) B delivers 85% of its couriers regions with difficult terrain with poor weather conditions unlike A which delivers mostly in plains
D) A charges Rs. 25 extra per kg of material delivered as compared to B. E) None of these

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DIRECTIONS for the question: *Read the information given below and answer the question that follows.*

Question No. : 16

Eight different people viz A, B, C, D, W, X, Y and Z are sitting around a circular table facing the centre but not necessarily in the same order. Each one of them is from a different place viz. Jaipur, Darjeeling, Mumbai, Chennai,Lucknow, Surat, Ooty and Kanpur but not necessarily in the same order.B sits third to the left of the one from Mumbai. Only one person sits between B and the one from Lucknow (either from left or right). The one from Darjeeling sits second to the right of C. C is neither from Lucknow nor Mumbai. Cisnot an immediate neighbour of neither B nor the one from Mumbai. Only three people sit between C and the one from Kanpur. Only one person sits between the one from Darjeeling and Z (either from left or right). X sits to the immediate right of the one from Jaipur. C is not from Jaipur. The one from Chennai sits to the immediate right of the one from Surat. Only two people sit between W and the one from Chennai (either from left or right). Neither W norD is from Lucknow. A is not an immediate neighbour of C.

Which of the following is true with respect to the given information?

A) D sits second to the left of A. B) D is from Darjeeling. C) The one from Ooty is an immediate neighbour of Z.
D) Only two sit between C and X when counted from the left of X E) None of the given statements is true

DIRECTIONS for the question: *Read the information given below and answer the question that follows.*

Question No. : 17

Eight different people viz A, B, C, D, W, X, Y and Z are sitting around a circular table facing the centre but not necessarily in the same order. Each one of them is from a different place viz. Jaipur, Darjeeling, Mumbai, Chennai,Lucknow, Surat, Ooty and Kanpur but not necessarily in the same order.B sits third to the left of the one from Mumbai. Only one person sits between B and the one from Lucknow (either from left or right). The one from Darjeeling sits second to the right of C. C is neither from Lucknow nor Mumbai. Cisnot an immediate neighbour of neither B nor the one from Mumbai. Only three people sit between C and the one from Kanpur. Only one person sits between the one from Darjeeling and Z (either from left or right). X sits to the immediate right of the one from Jaipur. C is not from Jaipur. The one from Chennai sits to the immediate right of the one from Surat. Only two people sit between W and the one from Chennai (either from left or right). Neither W norD is from Lucknow. A is not an immediate neighbour of C.

Who amongst the following is from Chennai?

A) C B) B C) Z D) W E) D

DIRECTIONS for the question: *Read the information given below and answer the question that follows.*

Question No. : 18

Eight different people viz A, B, C, D, W, X, Y and Z are sitting around a circular table facing the centre but not necessarily in the same order. Each one of them is from a different place viz. Jaipur, Darjeeling, Mumbai, Chennai,Lucknow, Surat, Ooty and Kanpur but not necessarily in the same order.B sits third to the left of the one from Mumbai. Only one person sits between B and the one from Lucknow (either from left or right). The one from Darjeeling sits second to the right of C. C is neither from Lucknow nor Mumbai. Cisnot an immediate neighbour of neither B nor the one from Mumbai. Only three people sit between C and the one from Kanpur. Only one person sits between the one from Darjeeling and Z (either from left or right). X sits to the immediate right of the one from Jaipur. C is not from Jaipur. The one from Chennai sits to the immediate right of the one from Surat. Only two people sit between W and the one from Chennai (either from left or right). Neither W norD is from Lucknow. A is not an immediate neighbour of C.

How many people sit between Y and the one from Kanpur when counted from the left of the one from Kanpur?

A) Three B) Two C) One D) None E) Four

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DIRECTIONS for the question: *Read the information given below and answer the question that follows.*

Question No. : 19

Eight different people viz A, B, C, D, W, X, Y and Z are sitting around a circular table facing the centre but not necessarily in the same order. Each one of them is from a different place viz. Jaipur, Darjeeling, Mumbai, Chennai,Lucknow, Surat, Ooty and Kanpur but not necessarily in the same order.B sits third to the left of the one from Mumbai. Only one person sits between B and the one from Lucknow (either from left or right). The one from Darjeeling sits second to the right of C. C is neither from Lucknow nor Mumbai. Cisnot an immediate neighbour of neither B nor the one from Mumbai. Only three people sit between C and the one from Kanpur. Only one person sits between the one from Darjeeling and Z (either from left or right). X sits to the immediate right of the one from Jaipur. C is not from Jaipur. The one from Chennai sits to the immediate right of the one from Surat. Only two people sit between W and the one from Chennai (either from left or right). Neither W norD is from Lucknow. A is not an immediate neighbour of C.

Who amongst the following sits third to the left of D?

A) B B) Z C) The one from Jaipur D) The one from Mumbai E) Y

DIRECTIONS for the question: *Read the information given below and answer the question that follows.*

Question No. : 20

Eight different people viz A, B, C, D, W, X, Y and Z are sitting around a circular table facing the centre but not necessarily in the same order. Each one of them is from a different place viz. Jaipur, Darjeeling, Mumbai, Chennai,Lucknow, Surat, Ooty and Kanpur but not necessarily in the same order.B sits third to the left of the one from Mumbai. Only one person sits between B and the one from Lucknow (either from left or right). The one from Darjeeling sits second to the right of C. C is neither from Lucknow nor Mumbai. Cisnot an immediate neighbour of neither B nor the one from Mumbai. Only three people sit between C and the one from Kanpur. Only one person sits between the one from Darjeeling and Z (either from left or right). X sits to the immediate right of the one from Jaipur. C is not from Jaipur. The one from Chennai sits to the immediate right of the one from Surat. Only two people sit between W and the one from Chennai (either from left or right). Neither W norD is from Lucknow. A is not an immediate neighbour of C.

Y is from which place?

A) Surat B) Mumbai C) Jaipur D) Lucknow E) Ooty

DIRECTIONS for the question: *Read the information given below and answer the question that follows.*

Question No. : 21

Eight different people viz A, B, C, D, W, X, Y and Z are sitting around a circular table facing the centre but not necessarily in the same order. Each one of them is from a different place viz. Jaipur, Darjeeling, Mumbai, Chennai,Lucknow, Surat, Ooty and Kanpur but not necessarily in the same order.B sits third to the left of the one from Mumbai. Only one person sits between B and the one from Lucknow (either from left or right). The one from Darjeeling sits second to the right of C. C is neither from Lucknow nor Mumbai. Cisnot an immediate neighbour of neither B nor the one from Mumbai. Only three people sit between C and the one from Kanpur. Only one person sits between the one from Darjeeling and Z (either from left or right). X sits to the immediate right of the one from Jaipur. C is not from Jaipur. The one from Chennai sits to the immediate right of the one from Surat. Only two people sit between W and the one from Chennai (either from left or right). Neither W norD is from Lucknow. A is not an immediate neighbour of C.

Four of the following five are alike in a certain way as per the given arrangement and thus form a group. Which one of the following does not belong to that group?

A) X-D B) Z-W C) A-B D) D-C E) B-D

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DIRECTIONS for the question: *In the question below, a statement is followed by two courses of action numbered I and II. You have to assume everything in the statement to be true and on the basis of the information given in the statement. Mark your answer as*

Question No. : 22

Statement: Children below 7 years of age incapable of grasping a concept well which is explained with the help of text only.

Courses of action I: More pictures should be included along with tests in all books for children below 7 years.
Courses of action II: Tests should be broken into small paragraphs for easier learning for all children below 7 years.

A) either I or II follows B) neither I nor II follows C) only I follows D) both I and II follows E) only II follows

DIRECTIONS for the question: *Answer the following question as per the best of your ability.*

Question No. : 23

Statement: Some vinegars are sodas. All raisins are vinegars. Some sodas are cashews.

Conclusion I: Atleast some vinegars are cashews.
Conclusion II: All raisins being sodas is a possibility

A) If only conclusion (I) is true. B) If only conclusion (II) is true C) If either conclusion (I) or (II) is true
D) If both conclusion (I) and (II) are true. E) If neither (I) nor (II) is true.

DIRECTIONS for the question: *Answer the following question as per the best of your ability.*

Question No. : 24

Statement: All bricks are ropes. All yaks are bricks. All cloves are yaks.

Conclusion I: Atleast some ropes are yaks.
Conclusion II: All cloves are bricks.

A) If only conclusion (I) is true. B) If only conclusion (II) is true C) If either conclusion (I) or (II) is true
D) If both conclusion (I) and (II) are true. E) If neither (I) nor (II) is true.

DIRECTIONS for the question: *Answer the following question as per the best of your ability.*

Question No. : 25

Statement: No calculator is a pen. Some grounds are pens. No ladder is a calculator.

Conclusion I: All calculators being grounds is a possibility.
Conclusion II: No pen is a ladder.

A) If only conclusion (I) is true. B) If only conclusion (II) is true C) If either conclusion (I) or (II) is true
D) If both conclusion (I) and (II) are true. E) If neither (I) nor (II) is true.

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DIRECTIONS for the question: *Answer the following question as per the best of your ability.*

Question No. : 26

Statement: No drink is a coffee. Some drinks are teas. All places are coffees.

Conclusion I: All teas being coffee is a possibility.
Conclusion II: Some places are drinks.

A) If only conclusion (I) is true. B) If only conclusion (II) is true C) If either conclusion (I) or (II) is true
D) If both conclusion (I) and (II) are true. E) If neither (I) nor (II) is true.

DIRECTIONS for the question: *Answer the following question as per the best of your ability.*

Question No. : 27

Statement: No story is a riddle. Some counts are stories. Some plants are riddles.

Conclusion II: All plants can never be stories.
Conclusion II: Some riddles are definitely not counts.

A) If only conclusion (I) is true. B) If only conclusion (II) is true C) If either conclusion (I) or (II) is true
D) If both conclusion (I) and (II) are true. E) If neither (I) nor (II) is true.

DIRECTIONS for the question: *Answer the following question as per the best of your ability.*

Question No. : 28

Statement: Some cadres are ellipse. Some squares are ellipse. All triangles are squares.

Conclusion I: All triangles being ellipse is a possibility.
Conclusion II: Some squares are definitely not cadres.

A) If only conclusion (I) is true. B) If only conclusion (II) is true C) If either conclusion (I) or (II) is true
D) If both conclusion (I) and (II) are true. E) If neither (I) nor (II) is true.

DIRECTIONS for the question: *Go through the graph and the information given below and answer the question that follows.*

Question No. : 29

Seven people viz. A, B, C, D, E, F and G live on seven different floors of a building. The lower most floor of the building is numbered one, the one above that is numbered two and so on till the top most floor is numbered seven. Each one of them also has a different amount of money with them- Rs. 4000, Rs. 5500, Rs. 7000, Rs. 8000, Rs. 13500, Rs. 16000 and Rs. 16500.

The one who has Rs. 16000 lives on floor number three. Only one person live between A and the one who has Rs. 16000. The one who has Rs. 7000 lives immediately above A. The number of people living between the one who has Rs. 7000 and the one who has Rs. 16000 is same as the number of people living between A and B. Only one person lives between B and G. Only one person lives between G and the one who has Rs. 13500. A has less money than B but not the least. D has Rs. 8500 more than A. D does not live on the top floor. C lives immediately above F. G has more money than C.

What is the sum of money with G and C together?

A) Rs. 9500 B) Rs. 14000 C) Rs. 11000 D) Rs. 26000 E) Rs. 29500

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DIRECTIONS for the question: *Go through the graph and the information given below and answer the question that follows.*

Question No. : 30

Seven people viz. A, B, C, D, E, F and G live on seven different floors of a building. The lower most floor of the building is numbered one, the one above that is numbered two and so on till the top most floor is numbered seven. Each one of them also has a different amount of money with them- Rs. 4000, Rs. 5500, Rs. 7000, Rs. 8000, Rs. 13500, Rs. 16000 and Rs. 16500.

The one who has Rs. 16000 lives on floor number three. Only one person live between A and the one who has Rs. 16000. The one who has Rs. 7000 lives immediately above A. The number of people living between the one who has Rs. 7000 and the one who has Rs. 16000 is same as the number of people living between A and B. Only one person lives between B and G. Only one person lives between G and the one who has Rs. 13500. A has less money than B but not the least. D has Rs. 8500 more than A. D does not live on the top floor. C lives immediately above F. G has more money than C.

As per the given arrangement, C is related to floor number six in a certain way. Similarly, A is related to floor number four. To which floor amongst the following is B related in the same way?

A) Floor number one B) Floor number two C) Floor number seven D) Floor number three E) Floor number five

DIRECTIONS for the question: *Go through the graph and the information given below and answer the question that follows.*

Question No. : 31

Seven people viz. A, B, C, D, E, F and G live on seven different floors of a building. The lower most floor of the building is numbered one, the one above that is numbered two and so on till the top most floor is numbered seven. Each one of them also has a different amount of money with them- Rs. 4000, Rs. 5500, Rs. 7000, Rs. 8000, Rs. 13500, Rs. 16000 and Rs. 16500.

The one who has Rs. 16000 lives on floor number three. Only one person live between A and the one who has Rs. 16000. The one who has Rs. 7000 lives immediately above A. The number of people living between the one who has Rs. 7000 and the one who has Rs. 16000 is same as the number of people living between A and B. Only one person lives between B and G. Only one person lives between G and the one who has Rs. 13500. A has less money than B but not the least. D has Rs. 8500 more than A. D does not live on the top floor. C lives immediately above F. G has more money than C.

How many people live between D and the one who has Rs. 16000?

A) One B) Two C) Five D) Three E) None

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DIRECTIONS for the question: *Go through the graph and the information given below and answer the question that follows.*

Question No. : 32

Seven people viz. A, B, C, D, E, F and G live on seven different floors of a building. The lower most floor of the building is numbered one, the one above that is numbered two and so on till the top most floor is numbered seven. Each one of them also has a different amount of money with them- Rs. 4000, Rs. 5500, Rs. 7000, Rs. 8000, Rs. 13500, Rs. 16000 and Rs. 16500.

The one who has Rs. 16000 lives on floor number three. Only one person live between A and the one who has Rs. 16000. The one who has Rs. 7000 lives immediately above A. The number of people living between the one who has Rs. 7000 and the one who has Rs. 16000 is same as the number of people living between A and B. Only one person lives between B and G. Only one person lives between G and the one who has Rs. 13500. A has less money than B but not the least. D has Rs. 8500 more than A. D does not live on the top floor. C lives immediately above F. G has more money than C.

Who lives on floor number four?

A) The one having Rs. 5500 B) B C) D D) The one having Rs. 4000 E) A

DIRECTIONS for the question: *Go through the graph and the information given below and answer the question that follows.*

Question No. : 33

Seven people viz. A, B, C, D, E, F and G live on seven different floors of a building. The lower most floor of the building is numbered one, the one above that is numbered two and so on till the top most floor is numbered seven. Each one of them also has a different amount of money with them- Rs. 4000, Rs. 5500, Rs. 7000, Rs. 8000, Rs. 13500, Rs. 16000 and Rs. 16500.

The one who has Rs. 16000 lives on floor number three. Only one person live between A and the one who has Rs. 16000. The one who has Rs. 7000 lives immediately above A. The number of people living between the one who has Rs. 7000 and the one who has Rs. 16000 is same as the number of people living between A and B. Only one person lives between B and G. Only one person lives between G and the one who has Rs. 13500. A has less money than B but not the least. D has Rs. 8500 more than A. D does not live on the top floor. C lives immediately above F. G has more money than C.

How many people have more money than E?

A) More than three B) Three C) Two D) One E) None

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DIRECTIONS for the question: *Go through the graph and the information given below and answer the question that follows.*

Question No. : 34

Seven people viz. A, B, C, D, E, F and G live on seven different floors of a building. The lower most floor of the building is numbered one, the one above that is numbered two and so on till the top most floor is numbered seven. Each one of them also has a different amount of money with them- Rs. 4000, Rs. 5500, Rs. 7000, Rs. 8000, Rs. 13500, Rs. 16000 and Rs. 16500.

The one who has Rs. 16000 lives on floor number three. Only one person live between A and the one who has Rs. 16000. The one who has Rs. 7000 lives immediately above A. The number of people living between the one who has Rs. 7000 and the one who has Rs. 16000 is same as the number of people living between A and B. Only one person lives between B and G. Only one person lives between G and the one who has Rs. 13500. A has less money than B but not the least. D has Rs. 8500 more than A. D does not live on the top floor. C lives immediately above F. G has more money than C.

How many people live above the one who has Rs. 7000?

A) More than three B) One C) Two D) None E) Three

DIRECTIONS for the question: *Read the information given below and answer the question that follows.*

Question No. : 35

Seven events viz. P, Q, R, S, T, U and V were held on seven different days of the same week starting from Monday and ending on Sunday. Each event was held in a different city viz. Jaipur, Lucknow, Chandigarh, Hyderabad, Kochi, Mumbai and Gwalior.

Event Q was held on one of the days after Friday. Only two events were held between the event held in Jaipur and Q. Only one event was held between the event held in Jaipur and S. S was not held after the event held in Jaipur. As many events were held between event S and Q as between event R and the event held in Mumbai. Event R was held on one of the days before the event held in Mumbai. Only three events were held between event P and the event held in Mumbai. The event held in Chandigarh was held on one of the days before event P. As many events were held after the event held in Chandigarh as before the event held in Gwalior. Event V was held on a day immediately before event T. More than two events were held between event U and the event held in Kochi. The event held in Hyderabad was held on one of the days before the event held in Lucknow.

Which of the following events were held immediately before and immediately after the event held in Gwalior respectively?

A) Event held in Lucknow, Q B) P, R C) T, event held in Mumbai D) U, event held in Kochi E) S, V

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DIRECTIONS for the question: *Read the information given below and answer the question that follows.*

Question No. : 36

Seven events viz. P, Q, R, S, T, U and V were held on seven different days of the same week starting from Monday and ending on Sunday. Each event was held in a different city viz. Jaipur, Lucknow, Chandigarh, Hyderabad, Kochi, Mumbai and Gwalior.

Event Q was held on one of the days after Friday. Only two events were held between the event held in Jaipur and Q. Only one event was held between the event held in Jaipur and S. S was not held after the event held in Jaipur. As many events were held between event S and Q as between event R and the event held in Mumbai. Event R was held on one of the days before the event held in Mumbai. Only three events were held between event P and the event held in Mumbai. The event held in Chandigarh was held on one of the days before event P. As many events were held after the event held in Chandigarh as before the event held in Gwalior. Event V was held on a day immediately before event T. More than two events were held between event U and the event held in Kochi. The event held in Hyderabad was held on one of the days before the event held in Lucknow.

Which of the following is true with respect to the given information?

A) None of the given statements is true B) Only two events were held after event V.
C) The event held in Jaipur was held on one of the days before event R.
D) The event held in Hyderabad was held on Tuesday. E) Event U was held immediately before event Q.

DIRECTIONS for the question: *Read the information given below and answer the question that follows.*

Question No. : 37

Seven events viz. P, Q, R, S, T, U and V were held on seven different days of the same week starting from Monday and ending on Sunday. Each event was held in a different city viz. Jaipur, Lucknow, Chandigarh, Hyderabad, Kochi, Mumbai and Gwalior.

Event Q was held on one of the days after Friday. Only two events were held between the event held in Jaipur and Q. Only one event was held between the event held in Jaipur and S. S was not held after the event held in Jaipur. As many events were held between event S and Q as between event R and the event held in Mumbai. Event R was held on one of the days before the event held in Mumbai. Only three events were held between event P and the event held in Mumbai. The event held in Chandigarh was held on one of the days before event P. As many events were held after the event held in Chandigarh as before the event held in Gwalior. Event V was held on a day immediately before event T. More than two events were held between event U and the event held in Kochi. The event held in Hyderabad was held on one of the days before the event held in Lucknow.

Four of the following five are alike in a certain way based on the given arrangement and thus form a group. Which one of the following does not belong to that group?

A) R-Tuesday B) R-Jaipur C) Q-Mumbai D) T-Sunday E) P-Thursday

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DIRECTIONS for the question: *Read the information given below and answer the question that follows.*

Question No. : 38

Seven events viz. P, Q, R, S, T, U and V were held on seven different days of the same week starting from Monday and ending on Sunday. Each event was held in a different city viz. Jaipur, Lucknow, Chandigarh, Hyderabad, Kochi, Mumbai and Gwalior.

Event Q was held on one of the days after Friday. Only two events were held between the event held in Jaipur and Q. Only one event was held between the event held in Jaipur and S. S was not held after the event held in Jaipur. As many events were held between event S and Q as between event R and the event held in Mumbai. Event R was held on one of the days before the event held in Mumbai. Only three events were held between event P and the event held in Mumbai. The event held in Chandigarh was held on one of the days before event P. As many events were held after the event held in Chandigarh as before the event held in Gwalior. Event V was held on a day immediately before event T. More than two events were held between event U and the event held in Kochi. The event held in Hyderabad was held on one of the days before the event held in Lucknow.

Which event was held in Lucknow?

A) V B) Q C) T D) U E) R

DIRECTIONS for the question: *Read the information given below and answer the question that follows.*

Question No. : 39

Seven events viz. P, Q, R, S, T, U and V were held on seven different days of the same week starting from Monday and ending on Sunday. Each event was held in a different city viz. Jaipur, Lucknow, Chandigarh, Hyderabad, Kochi, Mumbai and Gwalior.

Event Q was held on one of the days after Friday. Only two events were held between the event held in Jaipur and Q. Only one event was held between the event held in Jaipur and S. S was not held after the event held in Jaipur. As many events were held between event S and Q as between event R and the event held in Mumbai. Event R was held on one of the days before the event held in Mumbai. Only three events were held between event P and the event held in Mumbai. The event held in Chandigarh was held on one of the days before event P. As many events were held after the event held in Chandigarh as before the event held in Gwalior. Event V was held on a day immediately before event T. More than two events were held between event U and the event held in Kochi. The event held in Hyderabad was held on one of the days before the event held in Lucknow.

How many events were held before the event held in Lucknow?

A) Three B) Four C) More than four D) One E) Two

DIRECTIONS for the question: *Solve the following question and mark the best possible option.*

Question No. : 40

In a certain code language,
'Too clever is dumb' is coded as 'S1I B3D O2T R5C';
'You are your choices' is coded as 'E2A R3Y U2Y S6C';
'Good things take time' is coded as 'S5T E3T D3G E3T';
'Keep calm and solve' is coded as 'D2A P3K E4S M3C'.

How is the word 'EGO' coded in the given language?

A) G5O B) H2O C) O2E D) O4A E) O5A

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DIRECTIONS for the question: *Solve the following question and mark the best possible option.*

Question No. : 41

In a certain code language,
'Too clever is dumb' is coded as 'S1I B3D O2T R5C';
'You are your choices' is coded as 'E2A R3Y U2Y S6C';
'Good things take time' is coded as 'S5T E3T D3G E3T';
'Keep calm and solve' is coded as 'D2A P3K E4S M3C'.

How is the word 'ACHIEVE' coded in the given language?

A) E7A B) R6E C) E6A D) R5A E) A5R

DIRECTIONS for the question: *Solve the following question and mark the best possible option.*

Question No. : 42

In a certain code language,
'Too clever is dumb' is coded as 'S1I B3D O2T R5C';
'You are your choices' is coded as 'E2A R3Y U2Y S6C';
'Good things take time' is coded as 'S5T E3T D3G E3T';
'Keep calm and solve' is coded as 'D2A P3K E4S M3C'.

How is the word 'KNOWLEDGE' coded in the given language?

A) E8K B) G7K C) Y7E D) E8Y E) Y8K

DIRECTIONS for the question: *Solve the following question and mark the best possible option.*

Question No. : 43

In a certain code language,
'Too clever is dumb' is coded as 'S1I B3D O2T R5C';
'You are your choices' is coded as 'E2A R3Y U2Y S6C';
'Good things take time' is coded as 'S5T E3T D3G E3T';
'Keep calm and solve' is coded as 'D2A P3K E4S M3C'.

How is the word 'GREAT' coded in the given language?

A) T4R B) T4G C) G5T D) R5G E) R5T

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DIRECTIONS for the question: *Solve the following question and mark the best possible option.*

Question No. : 44

In a certain code language,
'Too clever is dumb' is coded as 'S1I B3D O2T R5C';
'You are your choices' is coded as 'E2A R3Y U2Y S6C';
'Good things take time' is coded as 'S5T E3T D3G E3T';
'Keep calm and solve' is coded as 'D2A P3K E4S M3C'.

How is the word 'BESIDE' coded in the given language?

A) E4D B) E6E C) E5B D) B5E E) B4B

DIRECTIONS for the question: *Solve the following question and mark the most appropriate option.*

Question No. : 45

In which of the following expressions will the expression 'P > S' be definitely false?

A) $P > Q \geq R = S$ B) $S \leq R \leq Q < P$ C) $R = P > Q \geq S$ D) $S > Q \geq R < P$ E) $S < Q \leq R < P$

DIRECTION for the question: *Read the information given and answer the question that follows.*

Question No. : 46

This question consists of a situation followed by two statements numbered I and II given below it. Which of the given statements can be a **possible reason** for the given situation?

Despite the rule against it, all teachers in school A continue to take private tuitions of the students they teach in the school.
Statement I: None of the teachers is aware that there exists such rule.
Statement II: All the teachers opt to ignore the rule despite having knowledge of the same.

A) Neither I nor II can be a possible reason. B) Only II can be a possible reason. C) Both I and II can be a possible reason
D) Either I or II can be a possible reason E) Only I can be a possible reason

DIRECTIONS for the question: *Read the information given below and answer the question that follows.*

Question No. : 47

Six ropes viz. A, B, C, D, E and F are kept on a table. Each rope is of a different length and different colour viz. blue,red, green, yellow, pink and orange.B is longer than only red rope. A is longer than B but shorter than C. Yellow rope is shorter than only pink rope. C isnot pink in colour. F is shorter than D but longer than C. Green rope is longer than B but shorter than blue rope.

If length of rope F is 198 cm, what is probably the length of pink coloured rope?

A) 195 cm B) 175 cm C) 202 cm D) 180 cm E) 160 cm

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DIRECTIONS for the question: *Read the information given below and answer the question that follows.*

Question No. : 48

Six ropes viz. A, B, C, D, E and F are kept on a table. Each rope is of a different length and different colour viz. blue,red, green, yellow, pink and orange.B is longer than only red rope. A is longer than B but shorter than C. Yellow rope is shorter than only pink rope. C isnot pink in colour. F is shorter than D but longer than C. Green rope is longer than B but shorter than blue rope.

What is the colour of rope A?

A) Orange B) Red C) Blue D) Green E) Yellow

Question No. : 49

Six ropes viz. A, B, C, D, E and F are kept on a table. Each rope is of a different length and different colour viz. blue,red, green, yellow, pink and orange.B is longer than only red rope. A is longer than B but shorter than C. Yellow rope is shorter than only pink rope. C isnot pink in colour. F is shorter than D but longer than C. Green rope is longer than B but shorter than blue rope.

Which is the third longest rope?

A) A B) C C) Orange coloured rope D) F E) Yellow coloured rope

DIRECTIONS for the question: *Read the information given below and answer the question that follows.*

Question No. : 50

Six ropes viz. A, B, C, D, E and F are kept on a table. Each rope is of a different length and different colour viz. blue,red, green, yellow, pink and orange.B is longer than only red rope. A is longer than B but shorter than C. Yellow rope is shorter than only pink rope. C isnot pink in colour. F is shorter than D but longer than C. Green rope is longer than B but shorter than blue rope.

Which of the following is true as per the given arrangement?

A. E is the smallest rope.
B. D is pink in colour.
C. Green rope is shorter than red rope

A) All A, B and C B) Only B and C C) Orange coloured rope D) Only A and B E) Only C

DIRECTIONS for the question: *Read the information given below and answer the question that follows.*

Question No. : 51

Six ropes viz. A, B, C, D, E and F are kept on a table. Each rope is of a different length and different colour viz. blue,red, green, yellow, pink and orange.B is longer than only red rope. A is longer than B but shorter than C. Yellow rope is shorter than only pink rope. C isnot pink in colour. F is shorter than D but longer than C. Green rope is longer than B but shorter than blue rope.

Which rope is between the rope D and the blue coloured rope?

A) Yellow B) Rope C C) Green D) Pink E) Rope A

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DIRECTION for the question: *Read the information given and answer the question that follows.*

Question No. : 52

The road bridge collapsed due to heavy rains completely cutting of road transport between City A and City B. "There is no way of restoring the bridge within a week, therefore, arrangements will have to be made to air-drop relief packets to City B"- Mayor of city B.

Which of the following weakens the statement of the mayor?

A) Army of the country can make a temporary road bridge anywhere in the country within 2 days which can carry the load of any usual road bridge for about a month.
B) City A needs 5000 packets of relief material as against B which needs 4600 packets.
C) Rail transport does not exist at present between A and B but is expected to be functioning within a year's time.
D) None of the given statements weakens the major's statement.
E) Air-dropping relief material costs $50,000 whereas road transport costs $10,000.

DIRECTION for the question: *Read the information given and answer the question that follows.*

Question No. : 53

Immigration to Country A is open in only two cities- Alivaz and Scotius this year. Therefore, a majority of people postponed immigration to Country A to next year.

Which of the following cannot be inferred from the given statement?

A. Neither Alivaz nor Scotius is preferred by the majority of the people who applied for immigration to country A.
B. All other cities which will be open for immigration next year will be acceptable to the majority who applied this year.
C. Atleast some cities open to immigration will change in the subsequent year.
D. The majority of people who postponed immigration this year do not prefer to immigrate to any other country.

A) Only (B),(C) and (D) B) Only(B) C) Only(C) D) Both (A) and (C) E) Only (A)

Question No. : 54

What should come in place of £ and #respectively in the expression B£A£T#K, so that the expression K < B definitely holds true?

A) >,< B) =,< C) ≥, > D) ≤,< E) <, ≤

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DIRECTIONS for the question: *Read the information given below and answer the question that follows.*

Question No. : 55

Ten people viz. A, B, C, D, E, F, G, H, I and J participated in ten different competitions viz. relay races, painting, swimming, singing, science, quiz, debate, extempore, dance, essay writing and acting. Each competition was organised on either 7th or 21st of one of the given months viz. January, March, April, July and September of the same year.

(Note: No competition was held on any other date in any other month.)

J participated in a competition on 7th in a month having only 30 days. Only two people participated between J andthe one who participated in extempore. The one who participated in extempore participated in one of the months before J. Only four people participated between the one who participated in extempore and F. As many people participated in an event after F as before the one who participated in dance. Only five people participated betweenthe one who participated in dance and debate. H participated in a competition on 7th in a month having only 30 days immediately after B. Both A and C participated in a competition in the same month. A participated before C. A did not participate in a competition in the month of January. Singing competition was held on 7th in a month having only30 days immediately after relay races. More than five competitions were held between relay races and science quiz. D participated in a competition on 21st immediately before G. Only two people participated between D and the one who participated in essay writing. I participated in an event in one of the months before E. Both swimming and acting competitions were held on 7th. Acting was held in one of the months after swimming.

How many people participated in a competition between G and the one who participated in extempore?

A) Four B) Six C) Two D) G himself participated in extempore E) None

DIRECTIONS for the question: *Read the information given below and answer the question that follows.*

Question No. : 56

Ten people viz. A, B, C, D, E, F, G, H, I and J participated in ten different competitions viz. relay races, painting, swimming, singing, science, quiz, debate, extempore, dance, essay writing and acting. Each competition was organised on either 7th or 21st of one of the given months viz. January, March, April, July and September of the same year.

(Note: No competition was held on any other date in any other month.)

J participated in a competition on 7th in a month having only 30 days. Only two people participated between J andthe one who participated in extempore. The one who participated in extempore participated in one of the months before J. Only four people participated between the one who participated in extempore and F. As many people participated in an event after F as before the one who participated in dance. Only five people participated betweenthe one who participated in dance and debate. H participated in a competition on 7th in a month having only 30 days immediately after B. Both A and C participated in a competition in the same month. A participated before C. A did not participate in a competition in the month of January. Singing competition was held on 7th in a month having only30 days immediately after relay races. More than five competitions were held between relay races and science quiz. D participated in a competition on 21st immediately before G. Only two people participated between D and the one who participated in essay writing. I participated in an event in one of the months before E. Both swimming and acting competitions were held on 7th. Acting was held in one of the months after swimming.

As per the given arrangement, F is related to painting in a certain way. Similarly, J is related to dance. Who amongst the following is G related to following the same pattern?

A) Science quiz B) Debate C) Singing D) Swimming E) Acting

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DIRECTIONS for the question: *Read the information given below and answer the question that follows.*

Question No. : 57

Ten people viz. A, B, C, D, E, F, G, H, I and J participated in ten different competitions viz. relay races, painting, swimming, singing, science, quiz, debate, extempore, dance, essay writing and acting. Each competition was organised on either 7th or 21st of one of the given months viz. January, March, April, July and September of the same year.

(Note: No competition was held on any other date in any other month.)

J participated in a competition on 7th in a month having only 30 days. Only two people participated between J andthe one who participated in extempore. The one who participated in extempore participated in one of the months before J. Only four people participated between the one who participated in extempore and F. As many people participated in an event after F as before the one who participated in dance. Only five people participated betweenthe one who participated in dance and debate. H participated in a competition on 7th in a month having only 30 days immediately after B. Both A and C participated in a competition in the same month. A participated before C. A did not participate in a competition in the month of January. Singing competition was held on 7th in a month having only30 days immediately after relay races. More than five competitions were held between relay races and science quiz. D participated in a competition on 21st immediately before G. Only two people participated between D and the one who participated in essay writing. I participated in an event in one of the months before E. Both swimming and acting competitions were held on 7th. Acting was held in one of the months after swimming.

When was the acting competition held?

A) 7th April B) 7th January C) 7th March D) 7th July E) 7th September

DIRECTIONS for the question: *Read the information given below and answer the question that follows.*

Question No. : 58

Ten people viz. A, B, C, D, E, F, G, H, I and J participated in ten different competitions viz. relay races, painting, swimming, singing, science, quiz, debate, extempore, dance, essay writing and acting. Each competition was organised on either 7th or 21st of one of the given months viz. January, March, April, July and September of the same year.

(Note: No competition was held on any other date in any other month.)

J participated in a competition on 7th in a month having only 30 days. Only two people participated between J andthe one who participated in extempore. The one who participated in extempore participated in one of the months before J. Only four people participated between the one who participated in extempore and F. As many people participated in an event after F as before the one who participated in dance. Only five people participated betweenthe one who participated in dance and debate. H participated in a competition on 7th in a month having only 30 days immediately after B. Both A and C participated in a competition in the same month. A participated before C. A did not participate in a competition in the month of January. Singing competition was held on 7th in a month having only30 days immediately after relay races. More than five competitions were held between relay races and science quiz. D participated in a competition on 21st immediately before G. Only two people participated between D and the one who participated in essay writing. I participated in an event in one of the months before E. Both swimming and acting competitions were held on 7th. Acting was held in one of the months after swimming.

Which of the following is not true as per the given arrangement?

A) All the given statements are true B) B had a competition on 21st of March
C) D participated in debate competition on 21st D) Only two competitions were held before swimming competition
E) C participated in a competition in the month of July

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DIRECTIONS for the question: *Read the information given below and answer the question that follows.*

Question No. : 59

Ten people viz. A, B, C, D, E, F, G, H, I and J participated in ten different competitions viz. relay races, painting, swimming, singing, science, quiz, debate, extempore, dance, essay writing and acting. Each competition was organised on either 7th or 21st of one of the given months viz. January, March, April, July and September of the same year.

(Note: No competition was held on any other date in any other month.)

J participated in a competition on 7th in a month having only 30 days. Only two people participated between J andthe one who participated in extempore. The one who participated in extempore participated in one of the months before J. Only four people participated between the one who participated in extempore and F. As many people participated in an event after F as before the one who participated in dance. Only five people participated betweenthe one who participated in dance and debate. H participated in a competition on 7th in a month having only 30 days immediately after B. Both A and C participated in a competition in the same month. A participated before C. A did not participate in a competition in the month of January. Singing competition was held on 7th in a month having only30 days immediately after relay races. More than five competitions were held between relay races and science quiz. D participated in a competition on 21st immediately before G. Only two people participated between D and the one who participated in essay writing. I participated in an event in one of the months before E. Both swimming and acting competitions were held on 7th. Acting was held in one of the months after swimming.

In which competition did J participate?

A) Essay writing B) Debate C) Singing D) Relay races E) Dance

DIRECTIONS for the question: *Read the information given below and answer the question that follows.*

Question No. : 60

Ten people viz. A, B, C, D, E, F, G, H, I and J participated in ten different competitions viz. relay races, painting, swimming, singing, science, quiz, debate, extempore, dance, essay writing and acting. Each competition was organised on either 7th or 21st of one of the given months viz. January, March, April, July and September of the same year.

(Note: No competition was held on any other date in any other month.)

J participated in a competition on 7th in a month having only 30 days. Only two people participated between J andthe one who participated in extempore. The one who participated in extempore participated in one of the months before J. Only four people participated between the one who participated in extempore and F. As many people participated in an event after F as before the one who participated in dance. Only five people participated betweenthe one who participated in dance and debate. H participated in a competition on 7th in a month having only 30 days immediately after B. Both A and C participated in a competition in the same month. A participated before C. A did not participate in a competition in the month of January. Singing competition was held on 7th in a month having only30 days immediately after relay races. More than five competitions were held between relay races and science quiz. D participated in a competition on 21st immediately before G. Only two people participated between D and the one who participated in essay writing. I participated in an event in one of the months before E. Both swimming and acting competitions were held on 7th. Acting was held in one of the months after swimming.

Who amongst the following participated in a competition on 21st April?

A) The one who participated in extempore B) The one who participated in dance C) The one who participated in painting
D) E E) H

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DIRECTIONS for the question: *Given an input line ; the machine arranges the words and numbers in steps in a systematic manner as illustrated afterwards : Study the pattern and answer the question that follows.*

Question No. : 61

When a number arrangement machine is given an input line of numbers it arranges them following a particular rule.

Following is an illustration of rearrangement.

Input: 55 85 friend 60 grand 17 almond 43 zip end 51 38 shore order
Step I: almond 55 friend 60 grand 17 43 zip end 51 38 shore order 85
Step II: end almond 55 friend grand 17 43 zip 51 38 shore order 85 60
Step III: friend end almond grand 17 43 zip 51 38 shore order 85 60 55
Step IV: grand friend end almond 17 43 zip 38 shore order 85 60 55 50
Step V: order grand friend end almond 17 zip 38 shore 85 60 55 51 43
Step VI: shore order grand friend end almond 17 zip 85 60 55 51 43 38
Step VII: zip shore order grand friend end almond 85 60 55 51 43 38 17
Step VIII: 3 5 5 5 6 3 6 85 60 55 51 43 38 17
Step VIII is the last step and the final output.

As per the rules followed in the above steps, find out in each of the following questions the appropriate steps for the given input.

Input: "temple lend 19 73 chant 25 90 69 umbrella oil 75 deep 51 nest".

Which word/number would be sixth from the left in step VI for the given input?

A) 90 B) 19 C) Deep D) Chant E) Umbrella

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DIRECTIONS for the question: *Given an input line ; the machine arranges the words and numbers in steps in a systematic manner as illustrated afterwards : Study the pattern and answer the question that follows.*

Question No. : 62

When a number arrangement machine is given an input line of numbers it arranges them following a particular rule.

Following is an illustration of rearrangement.

Input: 55 85 friend 60 grand 17 almond 43 zip end 51 38 shore order
Step I: almond 55 friend 60 grand 17 43 zip end 51 38 shore order 85
Step II: end almond 55 friend grand 17 43 zip 51 38 shore order 85 60
Step III: friend end almond grand 17 43 zip 51 38 shore order 85 60 55
Step IV: grand friend end almond 17 43 zip 38 shore order 85 60 55 50
Step V: order grand friend end almond 17 zip 38 shore 85 60 55 51 43
Step VI: shore order grand friend end almond 17 zip 85 60 55 51 43 38
Step VII: zip shore order grand friend end almond 85 60 55 51 43 38 17
Step VIII: 3 5 5 5 6 3 6 85 60 55 51 43 38 17
Step VIII is the last step and the final output.

As per the rules followed in the above steps, find out in each of the following questions the appropriate steps for the given input.

Input: "temple lend 19 73 chant 25 90 69 umbrella oil 75 deep 51 nest".

Which of the following will be step V?

A) Nest lend deep chant temple 19 25 umbrella oil 51 90 75 73 69
B) Oil nest lend deep chant temple 19 25 umbrella 90 75 73 69 51
C) Oil nest lend deep chant 19 temple 25 umbrella 90 75 73 69 51
D) Chant temple lend 19 73 25 69 umbrella oil 75 deep 51 nest 90 E) None of these

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DIRECTIONS for the question: *Given an input line ; the machine arranges the words and numbers in steps in a systematic manner as illustrated afterwards : Study the pattern and answer the question that follows.*

Question No. : 63

When a number arrangement machine is given an input line of numbers it arranges them following a particular rule.

Following is an illustration of rearrangement.

Input: 55 85 friend 60 grand 17 almond 43 zip end 51 38 shore order
Step I: almond 55 friend 60 grand 17 43 zip end 51 38 shore order 85
Step II: end almond 55 friend grand 17 43 zip 51 38 shore order 85 60
Step III: friend end almond grand 17 43 zip 51 38 shore order 85 60 55
Step IV: grand friend end almond 17 43 zip 38 shore order 85 60 55 50
Step V: order grand friend end almond 17 zip 38 shore 85 60 55 51 43
Step VI: shore order grand friend end almond 17 zip 85 60 55 51 43 38
Step VII: zip shore order grand friend end almond 85 60 55 51 43 38 17
Step VIII: 3 5 5 5 6 3 6 85 60 55 51 43 38 17
Step VIII is the last step and the final output.

As per the rules followed in the above steps, find out in each of the following questions the appropriate steps for the given input.

Input: "temple lend 19 73 chant 25 90 69 umbrella oil 75 deep 51 nest".

How many elements (letters and words) are there between 'lend' and '75' in step – IV?

A) 8 B) 9 C) 10 D) 11 E) 7

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DIRECTIONS for the question: *Given an input line ; the machine arranges the words and numbers in steps in a systematic manner as illustrated afterwards : Study the pattern and answer the question that follows.*

Question No. : 64

When a number arrangement machine is given an input line of numbers it arranges them following a particular rule.

Following is an illustration of rearrangement.

Input: 55 85 friend 60 grand 17 almond 43 zip end 51 38 shore order
Step I: almond 55 friend 60 grand 17 43 zip end 51 38 shore order 85
Step II: end almond 55 friend grand 17 43 zip 51 38 shore order 85 60
Step III: friend end almond grand 17 43 zip 51 38 shore order 85 60 55
Step IV: grand friend end almond 17 43 zip 38 shore order 85 60 55 50
Step V: order grand friend end almond 17 zip 38 shore 85 60 55 51 43
Step VI: shore order grand friend end almond 17 zip 85 60 55 51 43 38
Step VII: zip shore order grand friend end almond 85 60 55 51 43 38 17
Step VIII: 3 5 5 5 6 3 6 85 60 55 51 43 38 17
Step VIII is the last step and the final output.

As per the rules followed in the above steps, find out in each of the following questions the appropriate steps for the given input.

Input: "temple lend 19 73 chant 25 90 69 umbrella oil 75 deep 51 nest".

Which step will have the following arrangement?

"temple oil nest lend chant deep 19 umbrella 7590 73 69 51 25".

A) VI B) V C) VII D) IV E) No such step exists

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DIRECTIONS for the question: *Given an input line ; the machine arranges the words and numbers in steps in a systematic manner as illustrated afterwards : Study the pattern and answer the question that follows.*

Question No. : 65

When a number arrangement machine is given an input line of numbers it arranges them following a particular rule.

Following is an illustration of rearrangement.

Input: 55 85 friend 60 grand 17 almond 43 zip end 51 38 shore order
Step I: almond 55 friend 60 grand 17 43 zip end 51 38 shore order 85
Step II: end almond 55 friend grand 17 43 zip 51 38 shore order 85 60
Step III: friend end almond grand 17 43 zip 51 38 shore order 85 60 55
Step IV: grand friend end almond 17 43 zip 38 shore order 85 60 55 50
Step V: order grand friend end almond 17 zip 38 shore 85 60 55 51 43
Step VI: shore order grand friend end almond 17 zip 85 60 55 51 43 38
Step VII: zip shore order grand friend end almond 85 60 55 51 43 38 17
Step VIII: 3 5 5 5 6 3 6 85 60 55 51 43 38 17
Step VIII is the last step and the final output.

As per the rules followed in the above steps, find out in each of the following questions the appropriate steps for the given input.

Input: "temple lend 19 73 chant 25 90 69 umbrella oil 75 deep 51 nest".

Which of the following will be step III?

A) lend deep chant temple 19 25 69 umbrella oil 51 nest 90 75 73
B) Nest lend deep chant temple 19 25 umbrella oil 51 90 75 73 69
C) Oil nest lend deep chant temple 19 25 umbrella 90 75 73 69 51
D) Oil nest lend deep chant 19 temple 25 umbrella 90 75 73 69 51 E) None of these

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DIRECTIONS for the question: *Given an input line ; the machine arranges the words and numbers in steps in a systematic manner as illustrated afterwards : Study the pattern and answer the question that follows.*

Question No. : 66

When a number arrangement machine is given an input line of numbers it arranges them following a particular rule.

Following is an illustration of rearrangement.

Input: 55 85 friend 60 grand 17 almond 43 zip end 51 38 shore order
Step I: almond 55 friend 60 grand 17 43 zip end 51 38 shore order 85
Step II: end almond 55 friend grand 17 43 zip 51 38 shore order 85 60
Step III: friend end almond grand 17 43 zip 51 38 shore order 85 60 55
Step IV: grand friend end almond 17 43 zip 38 shore order 85 60 55 50
Step V: order grand friend end almond 17 zip 38 shore 85 60 55 51 43
Step VI: shore order grand friend end almond 17 zip 85 60 55 51 43 38
Step VII: zip shore order grand friend end almond 85 60 55 51 43 38 17
Step VIII: 3 5 5 5 6 3 6 85 60 55 51 43 38 17
Step VIII is the last step and the final output.

As per the rules followed in the above steps, find out in each of the following questions the appropriate steps for the given input.

Input: "temple lend 19 73 chant 25 90 69 umbrella oil 75 deep 51 nest".

Which elements appear exactly between '73' and '25' in step V of the given input?

A) Both '48'and '70' B) Only '70' C) Only 70' and '92' D) Only '48' E) None of these

DIRECTION for the question: *Read the information given and answer the question that follows.*

Question No. : 67

Information: Despite increase in online merchandise shopping, the footfall in malls is not affected at all. This means people still prefer to buy from malls instead of buying these online.
Statement I: People visit malls to try on the merchandise and then end up buying the same from online websites where prices are usually less.
Statement II: A survey shows that while less than 10% people visiting malls actually end up buying anything at all, 80% of them consider malls as a meeting place with good options for food and beverages.

A) Both statement I and statement II weaken the information
B) Statement I strengthens the information while statement II weakens the information
C) Both statement I and statement II are neutral statements.
D) Statement I weakens the information while statement II strengthens the information
E) Statement I weakens the information whiles statement II is neutral information

ZOLLEGE.in

DIRECTION for the question: *Read the information given and answer the question that follows.*

Question No. : 68

Information: Spray pesticide in the lake to kill algae which has been killing 'Bena' fish in the lake.
Statement I: Pesticide A would kill other plants in the lake leading to severe oxygen deprivation in the water.
Statement II: Pesticide A must be procured from City M which is at a distance of 540 kms from the city in which the lake is situated.

A) Both statement I and statement II weaken the information
B) Statement I strengthens the information while statement II weakens the information
C) Both statement I and statement II are neutral statements.
D) Statement I weakens the information while statement II strengthens the information
E) Statement I weakens the information whiles statement II is neutral information

DIRECTION for the question: *Read the information given and answer the question that follows.*

Question No. : 69

Statement: Many factory workers are suffering from respiratory diseases. The only way to bring such cases to zero is to relocate the packaging unit of the factory.

I. No other unit in the factory produces harmful substances causing respiratory diseases.
II. Making modifications in the packaging unit of the factory at its current location will not improve the present situation.

A) Only I can be concluded B) Only II can be concluded C) Both I and II can be concluded
D) Either I or II can be concluded E) Neither I nor II can be concluded

ZOLLEGE.in

DIRECTIONS for the question: *Read the information given below and answer the question that follows.*

Question No. : 70

There are six people viz. Arun, Charlie, Kalyani, Monu, Geeta and Lima, each one of them standing on different stairs of a staircase. The staircase has six stairs. The lowermost stair is numbered one, the one above that is numbered two and soon till the topmost stair is numbered six. Each one of them also likes a given fruit or colour. Thus three of them like a given fruit and three of them like a given colour.

Conditions:

- The persons who have even number of letters in their name stand one an odd numbered stair and persons with odd number of letters in their name stand on an even numbered stair.
- The person whose name starts with a vowel will stand on stair number three only.
- The ones standing on an odd numbered stair like a fruit viz. fig, mango and kiwi.
- The ones standing on an even numbered stair like a colour viz. blue, red and golden.
  For staircase:
- Only one person stands between Arun and the one who likes mango.
- More than one person stands between the one who likes mango and the one who likes blue. The one who likes blue does not stand on stair numbered six.
- No one stands between the one who likes blue and Lima.
- Only two people stand between Lima and Kalyani.
- The one who likes red stands on a stair immediately above the one who likes Kiwi.
- Only two people stand between the one who likes Kiwi and Charlie.

If all the people are made to stand in alphabetical order of their name from top to bottom, the positions of how many people will remain unchanged as compared to their original position?

A) Two B) Three C) One D) None E) Four

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DIRECTIONS for the question: *Read the information given below and answer the question that follows.*

Question No. : 71

There are six people viz. Arun, Charlie, Kalyani, Monu, Geeta and Lima, each one of them standing on different stairs of a staircase. The staircase has six stairs. The lowermost stair is numbered one, the one above that is numbered two and soon till the topmost stair is numbered six. Each one of them also likes a given fruit or colour. Thus three of them like a given fruit and three of them like a given colour.

Conditions:

- The persons who have even number of letters in their name stand one an odd numbered stair and persons with odd number of letters in their name stand on an even numbered stair.
- The person whose name starts with a vowel will stand on stair number three only.
- The ones standing on an odd numbered stair like a fruit viz. fig, mango and kiwi.
- The ones standing on an even numbered stair like a colour viz. blue, red and golden.
  For staircase:
- Only one person stands between Arun and the one who likes mango.
- More than one person stands between the one who likes mango and the one who likes blue. The one who likes blue does not stand on stair numbered six.
- No one stands between the one who likes blue and Lima.
- Only two people stand between Lima and Kalyani.
- The one who likes red stands on a stair immediately above the one who likes Kiwi.
- Only two people stand between the one who likes Kiwi and Charlie.

Which colour/fruit does Kalyani like?

A) Yellow B) Fig C) Mango D) Red E) Blue

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DIRECTIONS for the question: *Read the information given below and answer the question that follows.*

Question No. : 72

There are six people viz. Arun, Charlie, Kalyani, Monu, Geeta and Lima, each one of them standing on different stairs of a staircase. The staircase has six stairs. The lowermost stair is numbered one, the one above that is numbered two and soon till the topmost stair is numbered six. Each one of them also likes a given fruit or colour. Thus three of them like a given fruit and three of them like a given colour.

Conditions:

- The persons who have even number of letters in their name stand one an odd numbered stair and persons with odd number of letters in their name stand on an even numbered stair.
- The person whose name starts with a vowel will stand on stair number three only.
- The ones standing on an odd numbered stair like a fruit viz. fig, mango and kiwi.
- The ones standing on an even numbered stair like a colour viz. blue, red and golden.
  For staircase:
- Only one person stands between Arun and the one who likes mango.
- More than one person stands between the one who likes mango and the one who likes blue. The one who likes blue does not stand on stair numbered six.
- No one stands between the one who likes blue and Lima.
- Only two people stand between Lima and Kalyani.
- The one who likes red stands on a stair immediately above the one who likes Kiwi.
- Only two people stand between the one who likes Kiwi and Charlie.

As per the given arrangement, Charlie is related to the one who likes Red in a certain way and the one who likes Mango is related to Arun in the same way. To which of the following is Kalyani related to following the same pattern?

A) The one who likes Fig B) The one who likes Red C) The one who likes Kiwi D) Lima E) The one who likes blue

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DIRECTIONS for the question: *Read the information given below and answer the question that follows.*

Question No. : 73

There are six people viz. Arun, Charlie, Kalyani, Monu, Geeta and Lima, each one of them standing on different stairs of a staircase. The staircase has six stairs. The lowermost stair is numbered one, the one above that is numbered two and soon till the topmost stair is numbered six. Each one of them also likes a given fruit or colour. Thus three of them like a given fruit and three of them like a given colour.

Conditions:

- The persons who have even number of letters in their name stand one an odd numbered stair and persons with odd number of letters in their name stand on an even numbered stair.
- The person whose name starts with a vowel will stand on stair number three only.
- The ones standing on an odd numbered stair like a fruit viz. fig, mango and kiwi.
- The ones standing on an even numbered stair like a colour viz. blue, red and golden.
  For staircase:
- Only one person stands between Arun and the one who likes mango.
- More than one person stands between the one who likes mango and the one who likes blue. The one who likes blue does not stand on stair numbered six.
- No one stands between the one who likes blue and Lima.
- Only two people stand between Lima and Kalyani.
- The one who likes red stands on a stair immediately above the one who likes Kiwi.
- Only two people stand between the one who likes Kiwi and Charlie.

Who amongst the following likes Kiwi?

A) Geeta B) Monu C) Arun D) Lima E) Kalyani

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DIRECTIONS for the question: *Read the information given below and answer the question that follows.*

Question No. : 74

There are six people viz. Arun, Charlie, Kalyani, Monu, Geeta and Lima, each one of them standing on different stairs of a staircase. The staircase has six stairs. The lowermost stair is numbered one, the one above that is numbered two and soon till the topmost stair is numbered six. Each one of them also likes a given fruit or colour. Thus three of them like a given fruit and three of them like a given colour.

Conditions:

- The persons who have even number of letters in their name stand one an odd numbered stair and persons with odd number of letters in their name stand on an even numbered stair.
- The person whose name starts with a vowel will stand on stair number three only.
- The ones standing on an odd numbered stair like a fruit viz. fig, mango and kiwi.
- The ones standing on an even numbered stair like a colour viz. blue, red and golden.
  For staircase:
- Only one person stands between Arun and the one who likes mango.
- More than one person stands between the one who likes mango and the one who likes blue. The one who likes blue does not stand on stair numbered six.
- No one stands between the one who likes blue and Lima.
- Only two people stand between Lima and Kalyani.
- The one who likes red stands on a stair immediately above the one who likes Kiwi.
- Only two people stand between the one who likes Kiwi and Charlie.

Which of the following is true as per the given arrangement?

A) None of the given statements is true B) Monu likes fig
C) Less than two people stand between the one who likes golden and fig D) Geeta stands on one of the stairs above Lima
E) Monu stands on stair numbered one

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DIRECTIONS for the question: *Read the information given below and answer the question that follows.*

Question No. : 75

There are six people viz. Arun, Charlie, Kalyani, Monu, Geeta and Lima, each one of them standing on different stairs of a staircase. The staircase has six stairs. The lowermost stair is numbered one, the one above that is numbered two and soon till the topmost stair is numbered six. Each one of them also likes a given fruit or colour. Thus three of them like a given fruit and three of them like a given colour.

Conditions:

- The persons who have even number of letters in their name stand one an odd numbered stair and persons with odd number of letters in their name stand on an even numbered stair.
- The person whose name starts with a vowel will stand on stair number three only.
- The ones standing on an odd numbered stair like a fruit viz. fig, mango and kiwi.
- The ones standing on an even numbered stair like a colour viz. blue, red and golden.
  For staircase:
- Only one person stands between Arun and the one who likes mango.
- More than one person stands between the one who likes mango and the one who likes blue. The one who likes blue does not stand on stair numbered six.
- No one stands between the one who likes blue and Lima.
- Only two people stand between Lima and Kalyani.
- The one who likes red stands on a stair immediately above the one who likes Kiwi.
- Only two people stand between the one who likes Kiwi and Charlie.

Four of the following five are alike in a certain way based on their positions in the given arrangement and thusform a group. Which one of the following does not belong to that group?

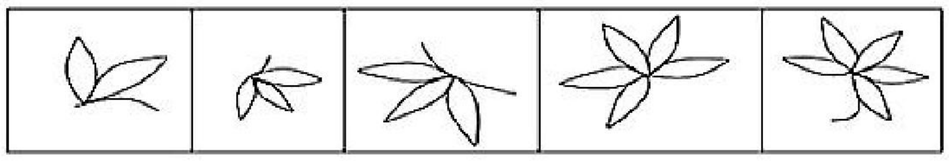
A) Charlie B) The one who likes Golden C) The one who likes Blue D) Kalyani E) Arun

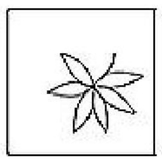
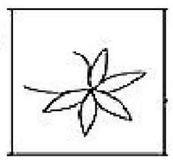
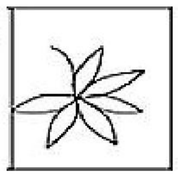
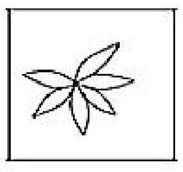
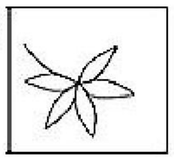
Section : Abstract Reasoning

DIRECTIONS for the question: *In the question given below which one of the answer figures should come after the problem figures given, if the sequence were continued?*

Question No. : 76

Problem Figures



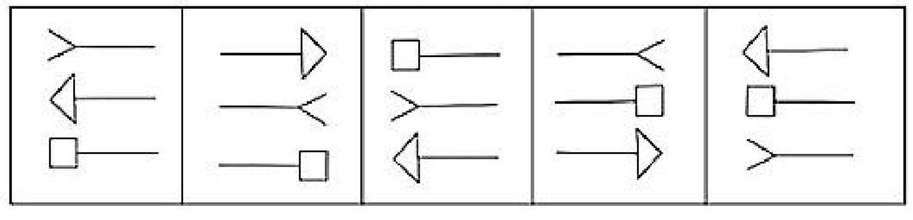
A) 
B) 
C) 
D) 
E) 

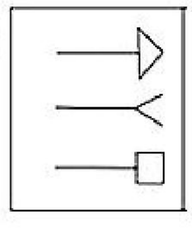
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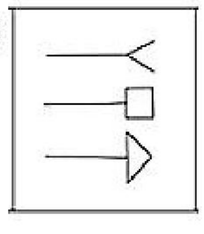
DIRECTIONS for the question: *In the question given below which one of the answer figures should come after the problem figures given, if the sequence were continued?*

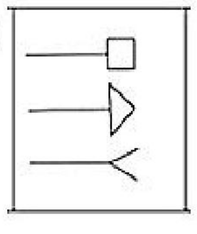
Question No. : 77

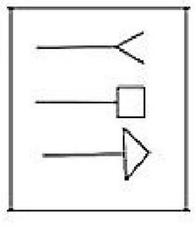
Problem Figures

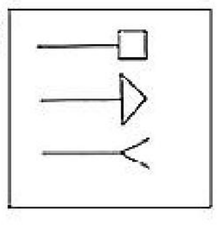


A) 

B) 

C) 

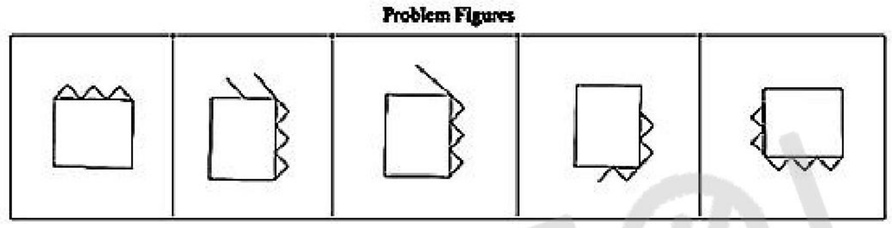
D) 

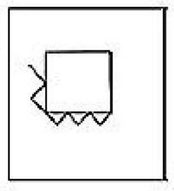
E) 

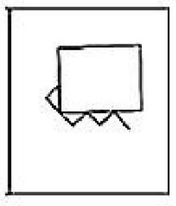
DIRECTIONS for the question: *In the question given below which one of the answer figures should come after the problem figures given, if the sequence were continued?*

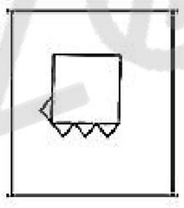
Question No. : 78

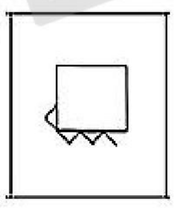
Problem Figures

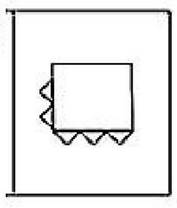


A) 

B) 

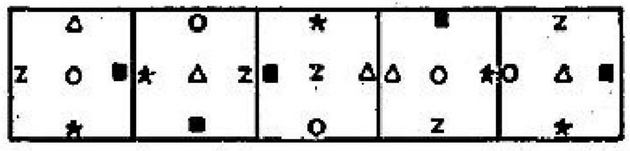
C) 

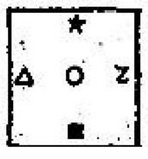
D) 

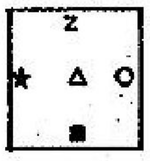
E) 

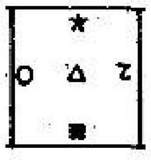
DIRECTIONS for the question: *In the question given below which one of the answer figures should come after the problem figures given, if the sequence were continued?*

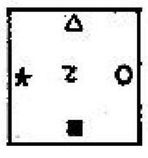
Question No. : 79

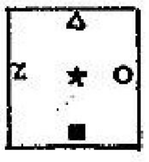


A) 

B) 

C) 

D) 

E) 

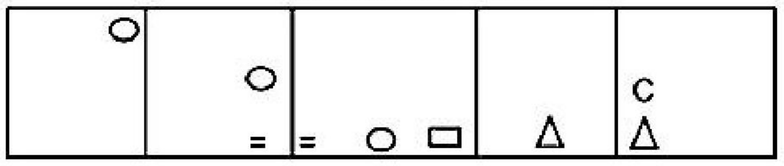
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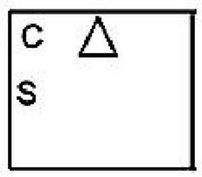
DIRECTIONS for the question: *In the question given below which one of the answer figures should come after the problem figures given, if the sequence were continued?*

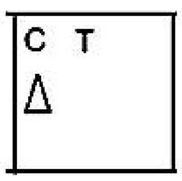
Question No. : 80

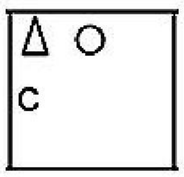
In this question given below which of the five answer figures on the right should come after the problem figures on the left, if the sequence were continued?

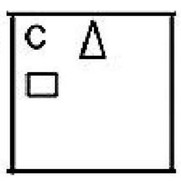
PROBLEM FIGURE

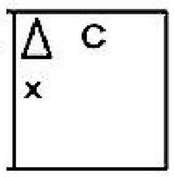


A) 

B) 

C) 

D) 

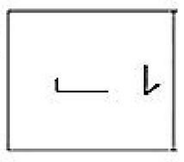
E) 

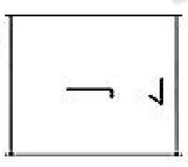
DIRECTIONS for the question: *In the question given below which one of the answer figures should come after the problem figures given, if the sequence were continued?*

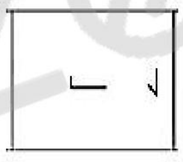
Question No. : 81

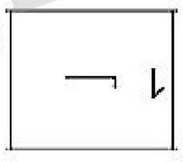
PROBLEM FIGURES

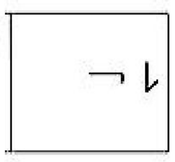


A) 

B) 

C) 

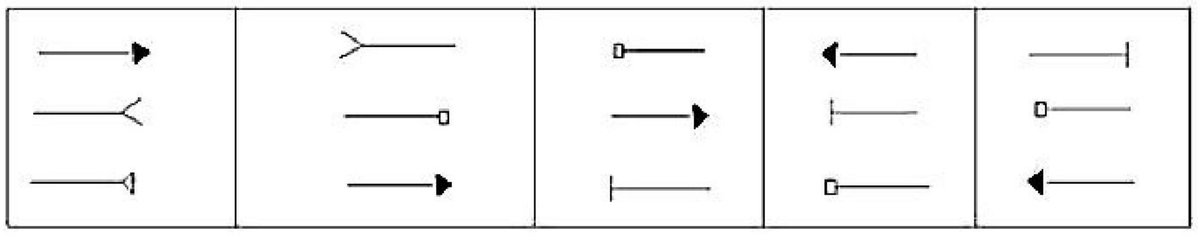
D) 

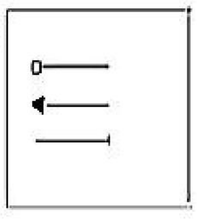
E) 

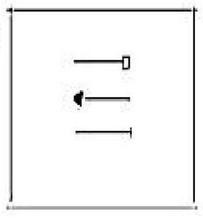
DIRECTIONS for the question: *In the question given below which one of the answer figures should come after the problem figures given, if the sequence were continued?*

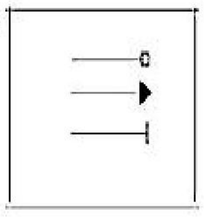
Question No. : 82

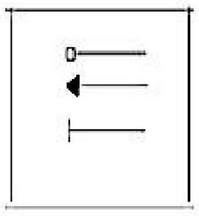
PROBLEM FIGURES

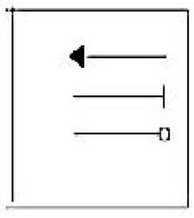


A) 

B) 

C) 

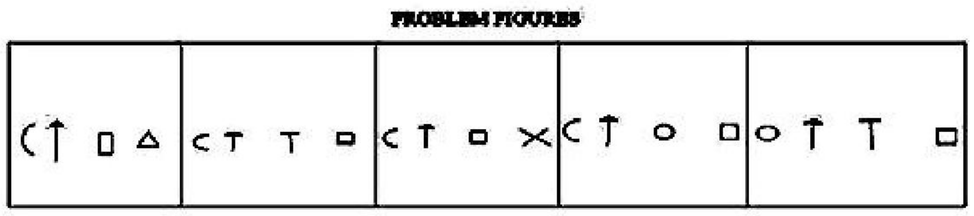
D) 

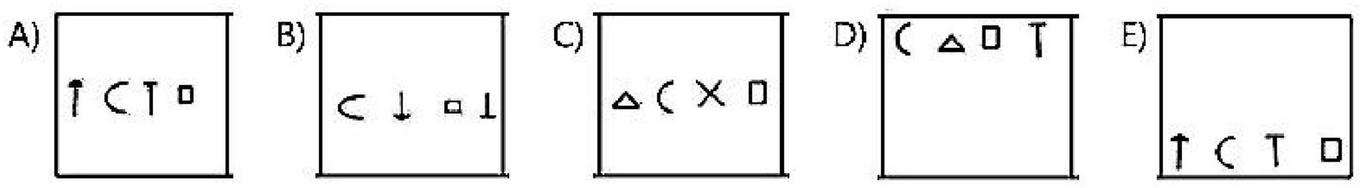
E) 

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DIRECTIONS for the question: *In the question given below which one of the answer figures should come after the problem figures given, if the sequence were continued?*

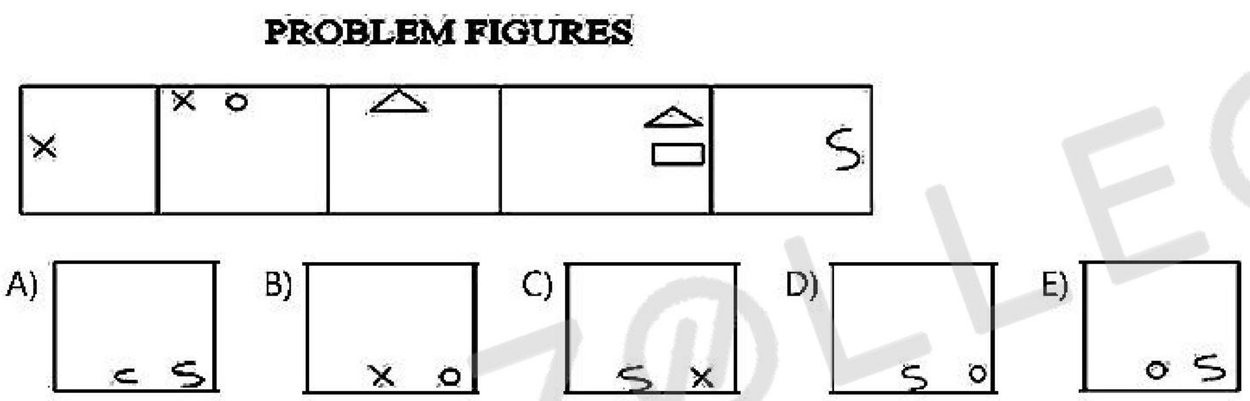
Question No. : 83





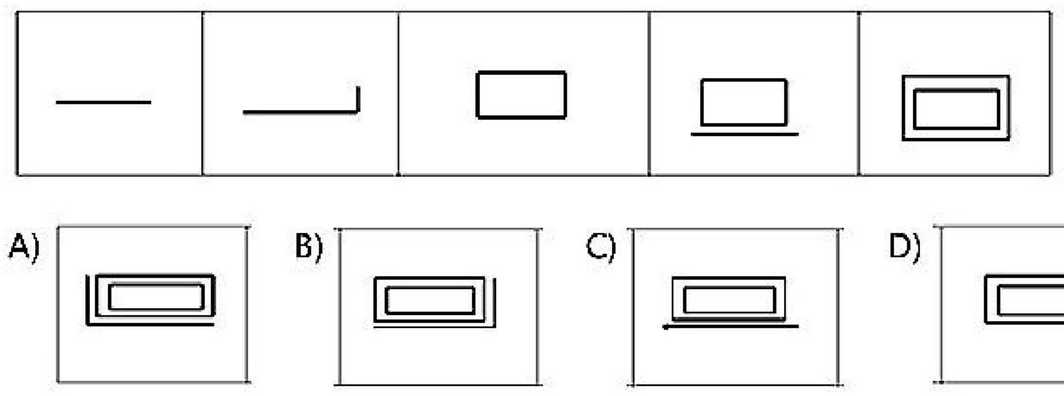
DIRECTIONS for the question: *In the question given below which one of the answer figures should come after the problem figures given, if the sequence were continued?*

Question No. : 84



DIRECTIONS for the question: *In the question given below which one of the answer figures should come after the problem figures given, if the sequence were continued?*

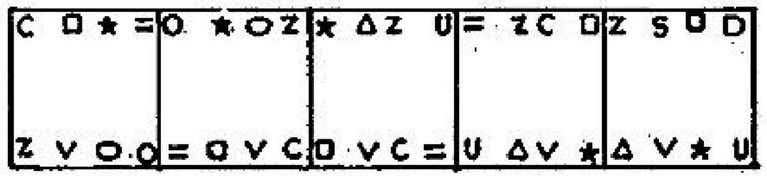
Question No. : 85



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DIRECTIONS for the question: *In the question given below which one of the answer figures should come after the problem figures given, if the sequence were continued?*

Question No. : 86



A) 

B) 

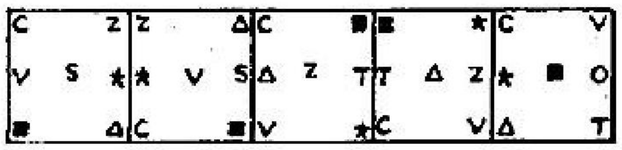
C) 

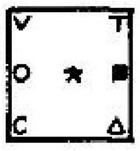
D) 

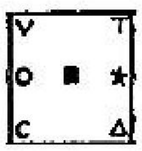
E) 

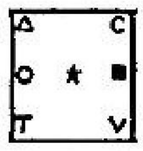
DIRECTIONS for the question: *In the question given below which one of the answer figures should come after the problem figures given, if the sequence were continued?*

Question No. : 87

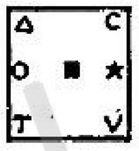


A) 

B) 

C) 

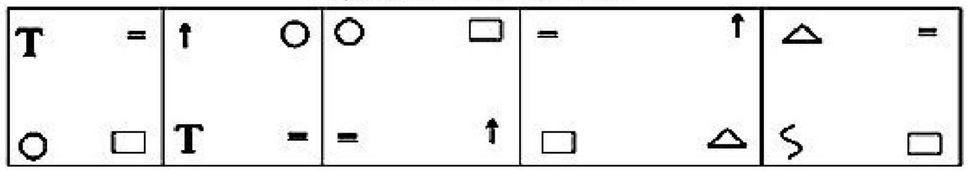
D) 

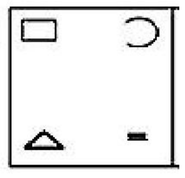
E) 

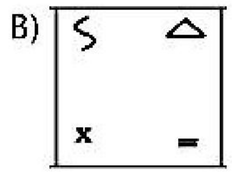
DIRECTIONS for the question: *In the question given below which one of the answer figures should come after the problem figures given, if the sequence were continued?*

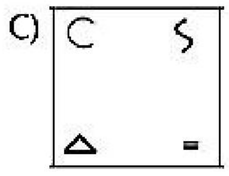
Question No. : 88

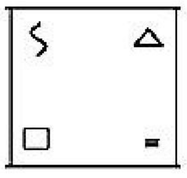
QUESTION FIGURE

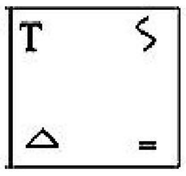


A) 

B) 

C) 

D) 

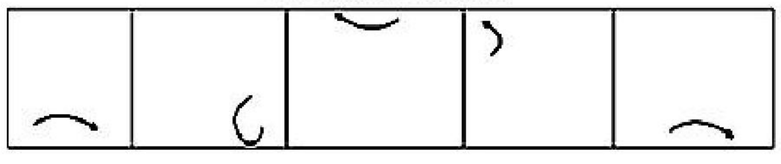
E) 

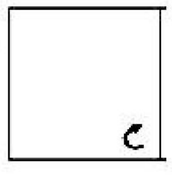
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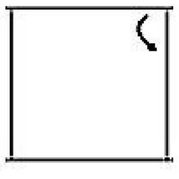
DIRECTIONS for the question: *In the question given below which one of the answer figures should come after the problem figures given, if the sequence were continued?*

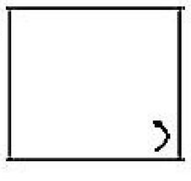
Question No. : 89

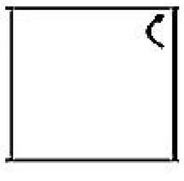
PROBLEM FIGURE

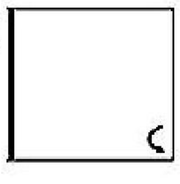


A) 

B) 

C) 

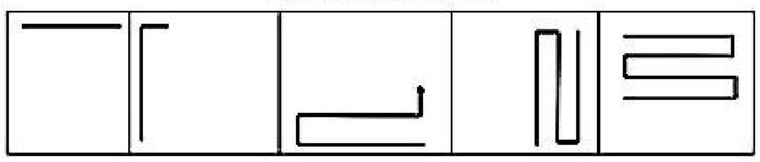
D) 

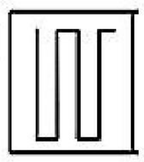
E) 

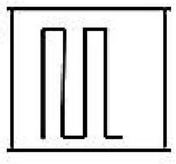
DIRECTIONS for the question: *In the question given below which one of the answer figures should come after the problem figures given, if the sequence were continued?*

Question No. : 90

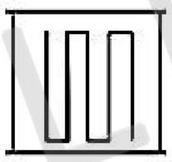
PROBLEM FIGURE

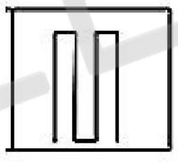


A) 

B) 

C) 

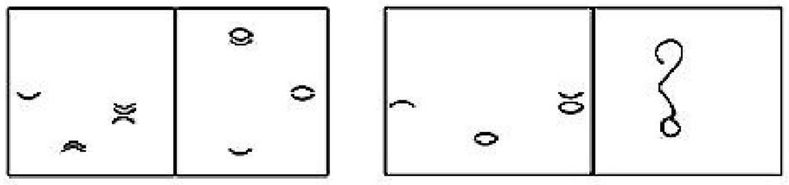
D) 

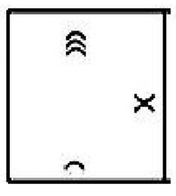
E) 

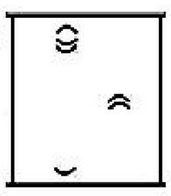
DIRECTIONS for the questions: *The second figure in the first unit of the problem figures bears a certain relationship to the first figure. Similarly one of the figures in the answer figures bears the same relationship to the first figure in the second unit of the problem figures. You are therefore to locate the figure which would fit in the question mark.*

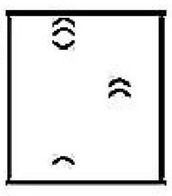
Question No. : 91

PROBLEM FIGURE

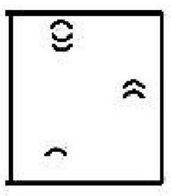


A) 

B) 

C) 

D) 

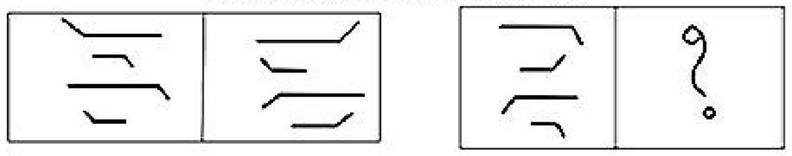
E) 

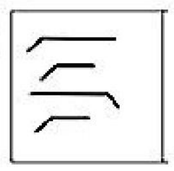
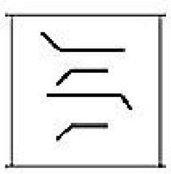
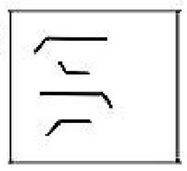
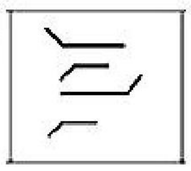
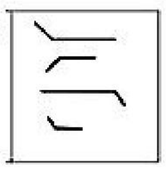
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DIRECTIONS for the questions: *The second figure in the first unit of the problem figures bears a certain relationship to the first figure. Similarly one of the figures in the answer figures bears the same relationship to the first figure in the second unit of the problem figures. You are therefore to locate the figure which would fit in the question mark.*

Question No. : 92

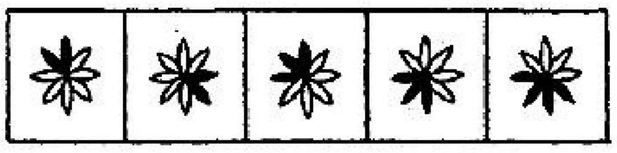
PROBLEM FIGURE



A)  B)  C)  D)  E) 

DIRECTIONS for the question: *In the question given below which one of the answer figures should come after the problem figures given, if the sequence were continued?*

Question No. : 93

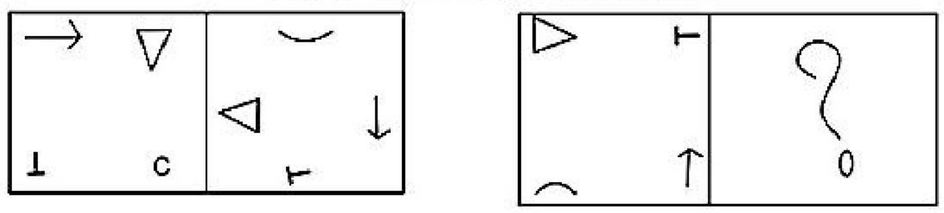


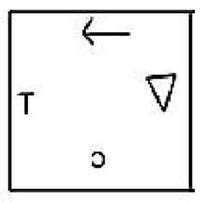
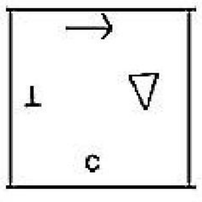
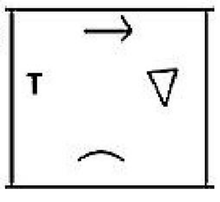
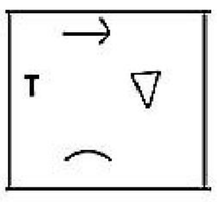
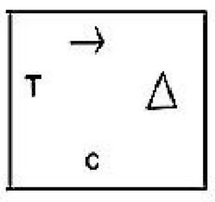
A)  B)  C)  D)  E) 

DIRECTIONS for the questions: *The second figure in the first unit of the problem figures bears a certain relationship to the first figure. Similarly one of the figures in the answer figures bears the same relationship to the first figure in the second unit of the problem figures. You are therefore to locate the figure which would fit in the question mark.*

Question No. : 94

PROBLEM FIGURE



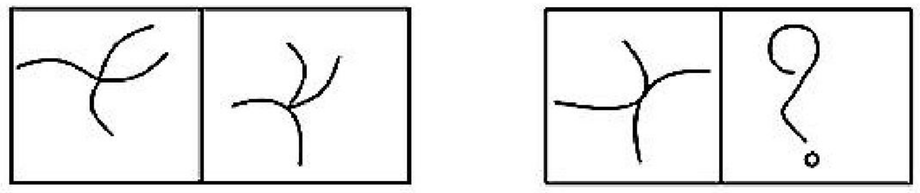
A)  B)  C)  D)  E) 

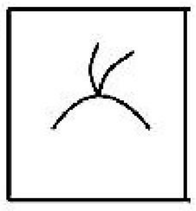
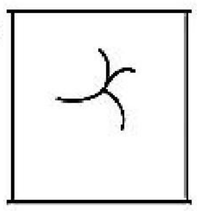
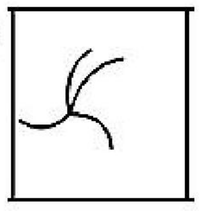
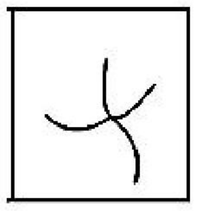
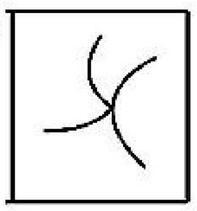
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DIRECTIONS for the questions: *The second figure in the first unit of the problem figures bears a certain relationship to the first figure. Similarly one of the figures in the answer figures bears the same relationship to the first figure in the second unit of the problem figures. You are therefore to locate the figure which would fit in the question mark.*

Question No. : 95

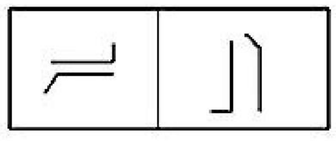
PROBLEM FIGURE

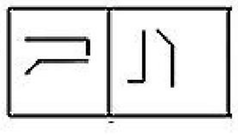
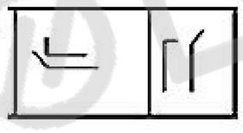
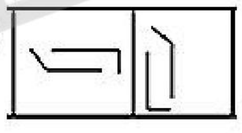
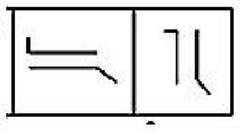


A)  B)  C)  D)  E) 

DIRECTIONS for the question: *Choose the pair of figures which best expresses the relationship similar to that expressed in the figures given initially.*

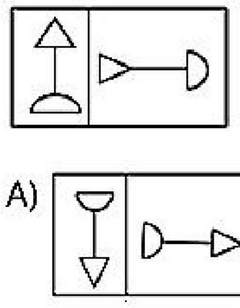
Question No. : 96

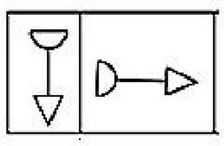
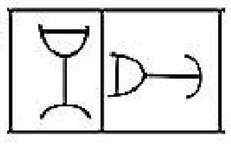
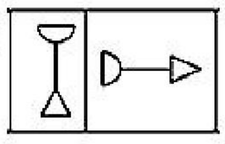
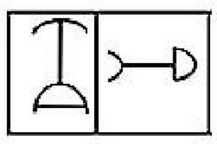
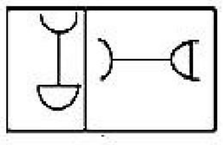


A)  B)  C)  D)  E) 

DIRECTIONS for the question: *Choose the pair of figures which best expresses the relationship similar to that expressed in the figures given initially.*

Question No. : 97

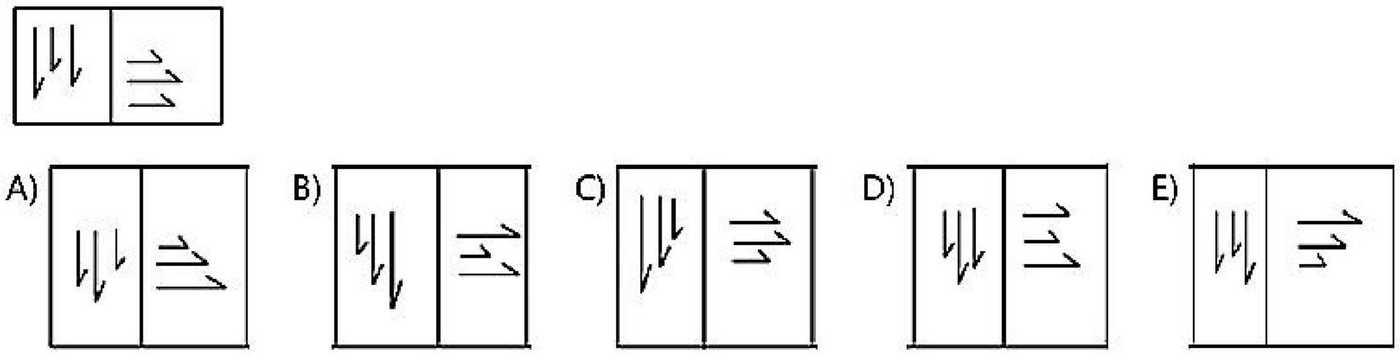


A)  B)  C)  D)  E) 

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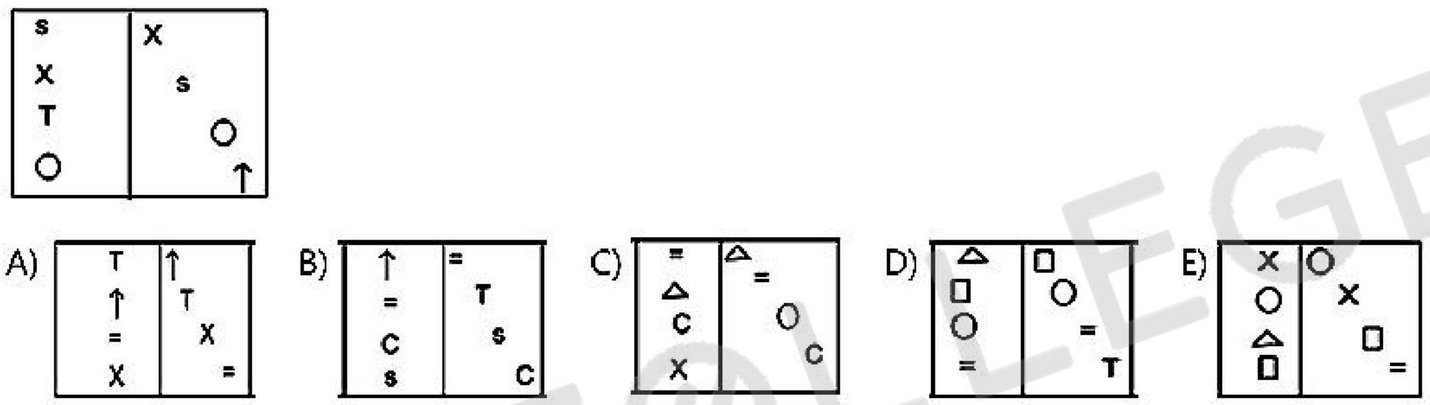
DIRECTIONS for the question: *Choose the pair of figures which best expresses the relationship similar to that expressed in the figures given initially.*

Question No. : 98



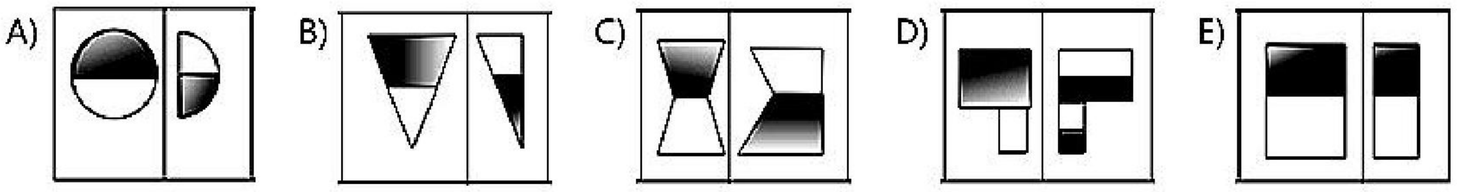
DIRECTIONS for the question: *Choose the pair of figures which best expresses the relationship similar to that expressed in the figures given initially.*

Question No. : 99



DIRECTIONS for the question: *Choose the pair of figures which best expresses the relationship similar to that expressed in the figures given initially.*

Question No. : 100



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Section : Verbal Usage & Reading Comprehension

DIRECTIONS for the question: *The first and the last sentences are placed correctly, arrange the remaining sentences to form a logical sequence and then choose the correct option.*

Question No. : 101

A. When this happens that candidate will reasonably feel that he/she is being _____ against based upon his/her race or even his/her gender and could possibly have a case against the company.
B. For example, affirmative action first allows a person belonging to any particular minority ethnic group to go into acompany and apply for a position that he/she is well qualified for and equal employment opportunity will legally protect him/her from being favored against.
C. While 'affirmative action' and 'equal employment opportunity' have two different meanings, they both share the same importance.
D. The hiring manager of the company decides that this candidate is fit for the positions and yet turps him/her away.
E. But many companies do not realise that they face such a consequence when an employee feels that he/she is being judged for his/her race and in turn files a case.

Which of the following should be the second sentence after the rearrangement?

A) A B) C C) B D) E E) D

DIRECTIONS for the question: *The first and the last sentences are placed correctly, arrange the remaining sentences to form a logical sequence and then choose the correct option.*

Question No. : 102

A. When this happens that candidate will reasonably feel that he/she is being _____ against based upon his/her race or even his/her gender and could possibly have a case against the company.
B. For example, affirmative action first allows a person belonging to any particular minority ethnic group to go into acompany and apply for a position that he/she is well qualified for and equal employment opportunity will legally protect him/her from being favored against.
C. While 'affirmative action' and 'equal employment opportunity' have two different meanings, they both share the same importance.
D. The hiring manager of the company decides that this candidate is fit for the positions and yet turps him/her away.
E. But many companies do not realise that they face such a consequence when an employee feels that he/she is being judged for his/her race and in turn files a case.

The position of how many sentences (A), (B), (C), (D) and (E) change after rearrangement (Considering no sentences, other than (A), (B), (C), (D) and (E) is being added)?

A) 5 B) 3 C) 1 D) 2 E) 4

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DIRECTIONS for the question: *The first and the last sentences are placed correctly, arrange the remaining sentences to form a logical sequence and then choose the correct option.*

Question No. : 103

A. When this happens that candidate will reasonably feel that he/she is being _____against based upon his/her race or even his/her gender and could possibly have a case against the company.
B. For example, affirmative action first allows a person belonging to any particular minority ethnic group to go into acompany and apply for a position that he/she is well qualified for and equal employment opportunity will legally protect him/her from being favored against.
C. While 'affirmative action' and 'equal employment opportunity' have two different meanings, they both share the same importance.
D. The hiring manager of the company decides that this candidate is fit for the positions and yet turps him/her away.
E. But many companies do not realise that they face such a consequence when an employee feels that he/she is being judged for his/her race and in turn files a case.

The given sentence "Not only can it lead to the company having to pay out thousands or even millions of dollars. If the verdict of the case is against them, but it can also damage the credibility of the company to its consumers and clients." should FOLLOW which of the given sentences, after the rearrangement?

A) B B) D C) E D) C E) A

DIRECTIONS for the question: *The first and the last sentences are placed correctly, arrange the remaining sentences to form a logical sequence and then choose the correct option.*

Question No. : 104

A. When this happens that candidate will reasonably feel that he/she is being _____against based upon his/her race or even his/her gender and could possibly have a case against the company.
B. For example, affirmative action first allows a person belonging to any particular minority ethnic group to go into acompany and apply for a position that he/she is well qualified for and equal employment opportunity will legally protect him/her from being favored against.
C. While 'affirmative action' and 'equal employment opportunity' have two different meanings, they both share the same importance.
D. The hiring manager of the company decides that this candidate is fit for the positions and yet turps him/her away.
E. But many companies do not realise that they face such a consequence when an employee feels that he/she is being judged for his/her race and in turn files a case.

There is a Blank: ' ' in the sentence (A) which of the following word can fill in the bank both grammatically and meaningfully?

A) discriminated B) rebuke C) insulted D) judges E) favour

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DIRECTIONS for the question: *The first and the last sentences are placed correctly, arrange the remaining sentences to form a logical sequence and then choose the correct option.*

Question No. : 105

A. When this happens that candidate will reasonably feel that he/she is being _____against based upon his/her race or even his/her gender and could possibly have a case against the company.
B. For example, affirmative action first allows a person belonging to any particular minority ethnic group to go into acompany and apply for a position that he/she is well qualified for and equal employment opportunity will legally protect him/her from being favored against.
C. While 'affirmative action' and 'equal employment opportunity' have two different meanings, they both share the same importance.
D. The hiring manager of the company decides that this candidate is fit for the positions and yet turps him/her away.
E. But many companies do not realise that they face such a consequence when an employee feels that he/she is being judged for his/her race and in turn files a case.

Which of the following should be the fourth sentence after the rearrangement?

A) E B) B C) C D) A E) D

DIRECTIONS for the question: *A sentence is divided into four parts. Choose the part that is/are grammatically incorrect.*

Question No. : 106

A. With their decision to lower interest rates thereby adversely affecting the current economic scenario, there is likely to be a change in guard at the central bank.
B. Not for all the tea in China would he admit that his decision to expand the business was foolhardy.
C. His work is shoddy as he usually cuts to the chase.

A) Only (A) B) Only (B) C) Only (B) and (C) D) All (A), (B) and (C) E) Only (A) and (B)

DIRECTIONS for the question: *A sentence is divided into four parts. Choose the part that is/are grammatically incorrect.*

Question No. : 107

A. Do not get on your high horse and lecture others about things you yourself often do.
B. The organisation's response was swift and logical as its executives were at sixes and sevens.
C. Though the Americans refused to trade with him it was like water off a duck's back.

A) Only (A) B) Only (A) and (C) C) Only (B) D) Only (A) and (B) E) All (A), (B) and (C)

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DIRECTIONS for the question: *Look at the underlined part of each sentence. Below each sentence are given three possible substitutions for underlined part. If one of them (A), (B) or (C) is better than the underlined part, indicate your response. If none of the substitutions improve the sentence, indicate (D) as your response which will signify a 'No improvement' response.*

Question No. : 108

I	II
A. The dog lover insisted that her dog has	D. Easy locomotion and enables the car to travels at high speed
B. in the blizzard, many highway travellers	E. Searching for a haven from the freezing wind.
C. The rotary nature of the fire allows for	F. The capability to feel emotions just as humans do.

A) A-F B) B-FandC-E C) A-E D) B-D and C-E E) C-F and A-D

DIRECTIONS for the question: *Look at the underlined part of each sentence. Below each sentence are given three possible substitutions for underlined part. If one of them (A), (B) or (C) is better than the underlined part, indicate your response. If none of the substitutions improve the sentence, indicate (D) as your response which will signify a 'No improvement' response.*

Question No. : 109

I	II
A. No matter how hard they tried, the three singers	D. The plants grow since they needed the moisture
B. Rain was pouring down outside which helped	E. Despite of the overwhelming evidence against him.
C. The lawyer will assert his client's innocence pleased.	F. Could not harmonise their voices in a way that sounded

A) A-D and C-E B) C-F C) B-D D) B-F and C-D E) A-F and C-E

DIRECTIONS for the question: *Look at the underlined part of each sentence. Below each sentence are given three possible substitutions for underlined part. If one of them (A), (B) or (C) is better than the underlined part, indicate your response. If none of the substitutions improve the sentence, indicate (D) as your response which will signify a 'No improvement' response.*

Question No. : 110

I	II
A. I have to return the software back to the store	D. was independent and free from British control.
B. After the revolution, the colonies	E. a youngster came along and grabbed his title.
C. The boxer was an undisputed champion until	F. because it is not compatible with my computer.

A) B-E B) A-F and B-D C) A-D D) A-F and C-E E) C-D

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DIRECTIONS for the question: *Look at the underlined part of each sentence. Below each sentence are given three possible substitutions for underlined part. If one of them (A), (B) or (C) is better than the underlined part, indicate your response. If none of the substitutions improve the sentence, indicate (D) as your response which will signify a 'No improvement' response.*

Question No. : 111

I	II
A. On account of space limitations, magazine editors must	D. display information when you request information of it
B. A terminal is any piece of technology that will	E. me away from the noisy streets of the city.
C. The garden was an oasis of calm that took	F. be selective in where they place advertisements.

A) C-F B) B-D and C-E C) A-F and C-E D) B-F and C-D E) A-D

DIRECTIONS for the question: *Look at the underlined part of each sentence. Below each sentence are given three possible substitutions for underlined part. If one of them (A), (B) or (C) is better than the underlined part, indicate your response. If none of the substitutions improve the sentence, indicate (D) as your response which will signify a 'No improvement' response.*

Question No. : 112

I	II
A. The substitute teacher found it quite difficult to	D. tests to be completed before students were selected.
B. The barista used the espresso machine	E. and control a class of thirty middle school students.
C. A selective admissions process required several	F. to brew some dark coffee for the guests.

A) B-F and C-D B) C-F C) A-D D) B-D and C-E E) A-F and C-E

DIRECTIONS for the question: *In the sentence provided different ways of writing a sentence are indicated. Choose the best way of writing the sentence that is grammatically correct.*

Question No. : 113

In this question four sentences are given. Decide which sentence(s) is/are correct with regard to grammar, meaning and usage and mark your answer accordingly

A) Average annual rainfall can be so low that it is a millimetre or two a year in certain parts. B) All are correct
C) On an average annual rainfall in certain parts can be as low as a millimetre or two a year
D) In certain parts average annual rainfall can drop to a millimetre or two a year.
E) Average annual rainfall in certain parts can fell to a millimetre or two a year.

DIRECTIONS for the question: *In the sentence provided different ways of writing a sentence are indicated. Choose the best way of writing the sentence that is grammatically correct.*

Question No. : 114

A) All are correct B) New research shows this change is substantial enough causes for concern
C) New research shows which change are substantial enough to be a causes for concern
D) New research shows those change are substantially enough to be a causes for concern
E) New research shows the changes substantial enough that's cause of concern

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DIRECTIONS for the question: *In the sentence provided different ways of writing a sentence are indicated. Choose the best way of writing the sentence that is grammatically correct.*

Question No. : 115

A. Whereas good economic news is not always good for everyone and though In February it was revealed that average hourly wages grew by 2.9% being the country's fastest growth since 2009 as stocks promptly tumbled around the world.
B. Despite good economic news is not always good for everyone in February. It was revealed that average hourly wages grew by 2.9% which was the country's fastest growth since 2009 and stocks promptly tumbled around the world.
C. Conversely good economic news is not always good for everyone, though in February it was revealed that average hourly wages grew by 2.9%, which was the country's fastest growth since 2009 in spite of stocks promptly tumbled around the world.

A) Only (A) B) Only (B) C) None D) All (A), (B) and (C) E) Only (B) and (C)

DIRECTIONS for the question: *In the sentence provided different ways of writing a sentence are indicated. Choose the best way of writing the sentence that is grammatically correct.*

Question No. : 116

According to the UN, Rwanda's farmers produced 7,92,000 tonnes of grain in 2014. This was more than three times as much as in 2000. Agricultural statistics can be dicey. Rwanda's plunging poverty rate makes these plausible

A. According to the UN, Rwanda's farmers produced 7,92,000 tonnes of grain in 2014 which was more than three times as much as in 2000 and though agricultural statistics can be dicey, Rwanda's plunging poverty rate makes these plausible.
B. Since according to the UN, Rwanda's farmers produced 7,92,000 tonnes of grain in 2014 which was more than three times as much as in 2000, agricultural statistics can be dicey and Rwanda's plunging poverty rate makes these plausible.
C. According to the UN, despite Rwanda's farmers producing 7,92,000 farmers of grain in 2014, this was more than three times as much as in 2000 and agricultural statistics can be dicey which makes Rwanda's plunging poverty plausible.

A) Only (A) and (B) B) All (A), (B) and (C) C) Only (B) D) Only(C) E) Only (A)

DIRECTIONS for the question: *A sentence is divided into four parts. Choose the part that is/are grammatically incorrect.*

Question No. : 117

Following the opening ceremony, / many began wondering if it/ would led to the/ resurgence of this genre of music.

A) Following the opening ceremony B) many began wondering if it C) would led to the
D) resurgence of this genre of public E) No error

DIRECTIONS for the question: *A sentence is divided into four parts. Choose the part that is/are grammatically incorrect.*

Question No. : 118

The mother of the girl despaired of her daughter's ill temper/ so she gave her daughter a bag of nails and told/her that every time she lose her temper,/ she must hammer a nail into the garden fence.

A) The mother of the girl despaired of her daughter's ill temper B) So she gave her daughter a bag of nails and told
C) Her that every time she lose her temper D) She must hammer a nail into the garden fence E) No error

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DIRECTIONS for the question: *A sentence is divided into four parts. Choose the part that is/are grammatically incorrect.*

Question No. : 119

The article tells the story/ of the famous author and/ the effective strategy he used/ to overcoming his chronic illness.

A) The article tells the story B) of the famous author and C) the effective strategy he used
D) to overcoming his chronic illness E) No error

DIRECTIONS for the question: *A sentence is divided into four parts. Choose the part that is/are grammatically incorrect.*

Question No. : 120

His research on behavioural psychology/ and habit formation has enabled/ him developing simple yet effectivestrategies/ for building a healthy eating habit.

A) His research on behavioural psychology B) and habit formation has enabled
C) him developing simple yet effective strategies D) for building a healthy eating habit E) No error

DIRECTIONS for the question: *A sentence is divided into four parts. Choose the part that is/are grammatically incorrect.*

Question No. : 121

Since Friday morning, nearly/ 4000 domestic flights in the region/ have been cancelled,/ according to the flight-tracking website.

A) Since Friday morning, nearly B) 4000 domestic flights in the region C) have been cancelled
D) according to the flight-tracking website E) No error

DIRECTIONS for the question: *A sentence is divided into four parts. Choose the part that is/are grammatically incorrect.*

Question No. : 122

The event was a surprise as the organisers introduced/ readers and listeners to artists/ they had never heard of before/ but whose talent were undeniable.

A) The event was a surprise as the organisers introduced B) Readers and listeners to artists
C) They had never heard of before D) But whose talent were undeniable E) No error

DIRECTIONS for the question: *Choose the most appropriate sentence from the following.*

Question No. : 123

In this question a sentence is given in bold followed by five options. Which of the given options is the same in meaning as the sentence given in bold?

Electrification has been one of the country's great successes over the past few decades.

A) Not many successes other than electrification have been experienced by the country in the past few decades.
B) None of those given as options C) Among the country's great successes over the past few decades, electrification is one
D) Electrification has been the country's greatest success over the past few decades
E) No success has been as great as electrification over the past few decades

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DIRECTIONS for the question : *Read the passage and answer the question based on it.*

Question No. : 124

Much has been said about the mining of crypto currencies and how the process guzzles electricity. Mining is a process that creates new digital coins by solving complex mathematical problems using very powerful computers, day and night, non-stop. That wouldn't be a problem if it were only a few computers in use. As at February 19, for example, Bitcoin mining was thought to consume more than 51,000 Gigawatts hours of electricity each year worldwide, according to Digiconomist, an online crypto currency hub. That's five and half times as much the power used by Zimbabwe, a developing nation, for the whole of 2O15.There is no known corporate mining rig in Zimbabwe, though some individuals have decided to dip their toes into the mining waters. 41000 people trading crypto on local exchange are to some degree mining on their personal computers. Obviously, these aren't all the Zimbabweans but there is also no administrative source on power use involving crypto-mining.

Digiconomist has produced a model for calculating electricity use from Bitcoin mining that is widely used across the world, which could help estimate the amount of energy used by citizens mining crypto in Zimbabwe. The formula, which depends on the performance of ordinary mining equipment, expresses the miner's operating costs as a percentage of the total mining revenues before converting the operating costs to energy consumed. The conversion is based on the average cost of electricity. Manufacturers of cryptocurrency are introducing to the market more efficient mining technologies that minimize electricity use.

Bitcoin, is evolving into a big environmental nuisance. Its mining, reliant on coal-fired power stations in countries like China, a leading cryptocurrency market, emits the equivalent of 24.8 million tonnes of carbon dioxide each year. According to the UN expert panel on climate change, carbon dioxide is the number one driver of global warming and climate change, a phenomenon that has spewed frequent and intense droughts and floods in Zimbabwe in recent decades, with deadly effect.

There is only about 16 million Bitcoin in circulation today. A maximum 21 million Bitcoins can only ever be issued. Now, as long as there is any cryptocurrency — to mine, it seems plausible that global concern will not only focus on the legitimacy of a currency that exists only online, but also its power-guzzling systems, which will deficit in the future. Zimbabwe could easily turn into the crypto-miners' paradise, if only power supply was reliable. At 9,86c per kWh, the country has some of the cheapest electricity rates anywhere in the world. The average electricity cost across southern Africa is 50 percent higher compared to the local rate.

Which of the following is a suitable title for the passage?

A) Cryptocurrency- threat in disguise? B) Zimbabwe's suppressed digital progress C) The Worldwide Digital Conflict
D) The dark digital era of E-Commerce E) All the given options can be a suitable title.

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DIRECTIONS for the question : *Read the passage and answer the question based on it.*

Question No. : 125

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Which of the following is/are the impact(s) of cryptocurrency mining in Zimbabwe as mentioned in the passage?

A. Promotes digital fraud and reduces financial security.
B. Has caused natural disaster due to the emission of harmful gas.
C. Over utilisation of energy will cause its shortage in long run.

A) Only C B) All A, B and C C) Only A and C D) Only B and C E) Only B

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DIRECTIONS for the question : *Read the passage and answer the question based on it.*

Question No. : 126

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What does the author wants to imply by the line 'there is also no administrative source on power use involving crypto-mining'?

A) Leaders worldwide should administer control over technology to achieve better growth.
B) The electricity supply utilises in Zimbabwe do not have good administrative control. C) None of those given as options
D) The data regarding energy consumed by individual crypto mining is not reliable.
E) Freedom obtained due to lack of political control has fascilated the growth of Bitcoins.

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DIRECTIONS for the question : *Read the passage and answer the question based on it.*

Question No. : 127

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Which of the following can be the concluding sentence of the passage?

A) The hype surrounding digital currency is causing its downfall. B) None of those given as options
C) The certainty is that Zimbabwe can sustain crypto-currency mining of any kind at any level
D) We should start considering now alternatives to digital currency to advance in the industry.
E) Technical people are much required in Zimbabwe so that they can come up with new ideas.

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DIRECTIONS for the question : *Read the passage and answer the question based on it.*

Question No. : 128

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According to the passage that author believes that

A) Digital pressures on renewable energy sources indicates the need of alternative energy source
B) The method to calculate energy used during mining is faulty though it is adopted worldwide
C) The maximum limit of Bitcoin circulation should not be limited to 21 million as at present
D) The report by UN expert panel is creating an unnecessary panic among miners E) None of the given options.

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DIRECTIONS for the question : *Read the passage and answer the question based on it.*

Question No. : 129

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Why did the author cite the example of February 19th?

A) To show how Bitcoinrationalizes production process of digital currency
B) To demonstrate the extent to which electricity is being over utilised due to cryptocurrency mining process
C) To prove the existence of currency mining rig among corporates.
D) To provide us a brief view into the history of cryptocurrency mining.
E) To prove that the finding of Digiconomist are baseless and should not be taken into account.

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DIRECTIONS for the question : *Read the passage and answer the question based on it.*

Question No. : 130

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Which of the following is NOTTRUE in the context of the passage?

A) Average electricity cost in parts of Africa is almost 1.5 times of that worldwide.
B) The cause of various natural disasters in Zimbabwe is the emission of carbon dioxide.
C) Energy efficient cryptocurrency are being introduced in the market. D) Bitcoins might be doing quite a lot of harm
E) All the given options are true

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DIRECTIONS for the question: *The question consists of four/five sentences on a topic. Select the option that indicates grammatically* ***correct or appropriate*** *sentence/s.*

Question No. : 131

This question consists three groups of sentences (I), (II) and (III) each of which comprises two parts (A) and (B). Part A consists of a sentence with (an) error(s) and Part B consists of a sentence which may or may not be a correct expression of the sentence in Part A. Identify the group of sentences i.e. I, II, III where the error in Part A has been corrected in Part B and mark that combination/ option as your answer. If no pair of sentence is correct, select 'None' as your answer.

I.

A. In sectors such as healthcare and food services where automation is relatively difficulty.

B. It is in sectors such as healthcare and food services where automation is relatively difficult.

II.

A. The risk is that without sufficient investment of training, many workers will lost their job.

B. It is risky that without sufficient investment in training, many workers will lost their jobs.

III.

A. As other bodies, the agency will report to the Parliament, which is control them.

B. The agency will report to the Parliament, which control them as other bodies do.

A) Both I and II B) Only I C) Both II and III D) All I, II and III E) None

DIRECTIONS for the question: *The question consists of four/five sentences on a topic. Select the option that indicates grammatically* ***correct or appropriate*** *sentence/s.*

Question No. : 132

This question consists three groups of sentences (I), (II) and (III) each of which comprises two parts (A) and (B). Part A consists of a sentence with (an) error(s) and Part B consists of a sentence which may or may not be a correct expression of the sentence in Part A. Identify the group of sentences i.e. I, II, III where the error in Part A has been corrected in Part B and mark that combination/ option as your answer. If no pair of sentence is correct, select 'None' as your answer.

I.

A. Economists are struggling establish a casual line between the two factors.

B. Economists have struggled to establish a casual line between the two factors.

II.

A. The changes may have came just in time as officials say better welfare distribution.

B. The changes came just in time as officials saying better welfare distribution.

III.

A. Prominently in the 1980s and early 1990s, this question has in recent years again because one of the hottest ineconomics.

B. Prominent in the 1980s and early 1990s, this question has in recent years again become one of the hottest ineconomics.

A) Only III B) All I, II and III C) Only I D) Both I and III E) None

DIRECTIONS for the question: *A sentence is divided into four parts. Choose the part that is/are grammatically incorrect.*

Question No. : 133

With big fields looking after, most farmers turn to artificial herbicides but organic farmers do not, and can suffer lower yields as a result.

A) suffer lower yields as a result B) No error C) organic farmers do not, and D) big fields looking after
E) most farmers turn to artificial herbicides

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DIRECTIONS for the question: *A sentence is divided into four parts. Choose the part that is/are grammatically incorrect.*

Question No. : 134

What went wrong the last time holds valuable lessons for getting it right this time.

A) getting it right B) valuable lessons for C) what went wrong D) the last time E) No error

DIRECTIONS for the question: *A sentence is divided into four parts. Choose the part that is/are grammatically incorrect.*

Question No. : 135

The modern era of autonomous vehicles began a competition, organised by the U.S. military, held in March 2004in the Mojave Desert.

A) the U.S. military held B) in the Mojave desert C) No error D) the modern era of autonomous vehicles
E) began a competition

DIRECTIONS for the question: *Complete the sentence by filling in the appropriate blank/blanks from the options provided.*

Question No. : 136

If you want to buy a fully self-driving car, you may have to wait _____ Autonomous vehicles willinitially be offered for sale not to private owners but to robotic-fleet operators, for two reasons. First, L1DAR sensors are still so expensive that, deployed in production cars, they would cost more than the rest of the vehicle put together.

A) immediately B) no longer C) None of the given options D) for another decade E) at price

DIRECTIONS for the question: *Complete the sentence by filling in the appropriate blank/blanks from the options provided.*

Question No. : 137

It has been another week of huge _____in the prices of bitcoin and other crypto-currencies. This time, the moves have mostly been downwards, with some days seeing falls of over 20%. Views on this ware as divided as they were during the giddy climb did it mark the bursting of a bubble.

A) changes B) shifts C) swings D) swerves E) All the given options

DIRECTIONS for the question: *Complete the sentence by filling in the appropriate blank/blanks from the options provided.*

Question No. : 138

Here's a grim fact- According to the leading diaper maker in Japan, adult diapers now outsell baby diapers. That's because a quarter of the country's population is 65 or older. By 2060, that population will_____40 percent.

What adjustments have to be made when as many people grow old simultaneously?

A) hit B) extent C) reduce D) fall E) raise

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DIRECTIONS for the question: *Choose the most appropriate sentence from the following.*

Question No. : 139

In this question a sentence is given in bold followed by five options. Which of the given options is the same in meaning as the sentence given in bold?

"Once autonomous (self-driving) cars come into use, it will raise a number of issues such as who will bear the responsibility inc case of an accident", he says in warning.

A) He warned that once autonomous (self-driving) cars came into use, it would raise a number of issues such as who would bear responsibility in case of an accident.
B) He felt that once autonomous (self-driving) cars came into use, the responsibility of a number of issues would lie with the owner.
C) Once autonomous (self-driving) cars come into use who will bear the responsibility of the accident he exclaimed in fear.
D) To raise a number of issues such as who will bear the responsibility in case of an autonomous (self-driving)car being in an accident, he despaired.
E) None of those given as options

DIRECTIONS for the question: *The question has four/five sentences. One of them is acceptable in formal english as it is grammatically correct. Spot that sentence.*

Question No. : 140

Directions:
In this question, a sentence is given in bold and underlined. If the sentence given in bold and underlined isappropriate in the context of the passage select 'No correction required' as your answer. If the sentence given in bold and underlined is not appropriate in the context of the passage then identify which of the three options i.e. (A),(B) and (C) given below the sentence are appropriate in the context of the passage. One, two, all three or none of the given options may be correct. Decide upon which is/are correct, if any and mark the option which denotes your answer.

The Dead Sea is, as its name implies, for too salty to be of use to fisherman or farmers. **Until now, it has been impossible to predict more than a few Weeks in advance where a sinkhole will appear.** The spa industry, however, faces a threat from a plague of sinkholes that have struck in recent years. These have damaged roads and buildings at EinGedi beach, in Israel, and hit the Mineral Beach Spa in MizpaShalem, so hard that it is unusable.

A. Most of the 8,000 sinkholes that have struck are the result of that sea being starved of water.
B. But its mineral-rich waters are valued by the owners of the spas that thrive along its shores.
C. The consequence in the sudden collapse of those players into a hole in the ground, taking anything on the surface with them.

A) No correction required B) Only (B) C) All (A), (B) and (C) D) Only (B) and (C) E) Only (A)

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DIRECTIONS for the question : *Read the passage and answer the question based on it.*

Question No. : 141

Paragraph I: The internet already enables patients to seek online consultations when and where it suits them. You can take over-the-counter tests to analyse your blood, sequence your genome and check on the bacteria in your gut. Yet radical change demands a shift in emphasis, from providers to patients and from doctors to data. That shift is happening. Technologies such as the smartphone allow people to monitor their own health. The possibilities multiply when you add the crucial missing ingredients—access to your own medical records and the ability to easily share information with those you trust. That allows you to reduce inefficiencies in your own treatment and also to provide data to help train medical algorithms. You can enhance your own care and everyone else's, too.

Paragraph II: Medical data may not seem like the type of kindling to spark a revolution. But the flow of information is likely to bear fruit in several ways. One is better diagnosis. Someone worried about their heart can now buy a watch strap containing a medical-grade monitor that will detect arrhythmias. Apps are vying to see if they can diagnose everything from skin cancer and concussion to Parkinson's disease. Research is under way to see whether sweat can be analysed for molecular biomarkers without the need for an invasive blood test. Some think that changes in how quickly a person swipes a phone's touchscreen might signal the onset of cognitive problems. A second benefit lies in the management of complex diseases. Diabetes apps can change the way patients cope, by monitoring blood-glucose levels and food intake, potentially reducing long-run harm such as blindness and gangrene. Akili Interactive, a startup, plans to seek regulatory approval for a videogame designed to stimulate an area of the brain implicated in attention-deficit hyperactivity disorder.

Paragraph III: Patients can also improve the efficiency of their care with access to data. Although health records are increasingly electronic, they are often still trapped in silos. Many contain data that machines cannot read. This can lead to delays in treatment, or worse. Many of the 250,000 deaths in America attributable to medical error each year can be traced to poorly co-ordinated care. With data at their fingertips, common standards to enable sharing and a strong incentive to get things right, patients are more likely to spot errors.

Paragraph IV: As with all new technologies, pitfalls accompany the promise. Hucksters will launch apps that do not work. But with regulators demanding oversight of apps that present risks to patients, users will harm only their wallets. Not everyone will want to take active control of their own health care; plenty will want the professionals to manage everything. Fine. Data can be pored over by those who are interested, while those who are not can opt to share data automatically with trusted providers. The benefits of new technologies often flow disproportionately to the rich. Other risks are harder to deal with. Greater transparency may encourage the hale and hearty not to take out health insurance. They may even make it harder for the unwell to find cover. Will the benefits of making data more widely available outweigh such risks? The signs are that they will.

Which of the following summarises Paragraph III?

A. Professionals alone should have access to medical data.
B. With access to data, patients can be responsible for their own health and prevent lapses.
C. Delays in treatment are non-existent nowadays with electronic health records

A) Only (A) and (C) B) Only (A) C) Only (A) and (B) D) All (A), (B) and (C) E) Only(B)

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DIRECTIONS for the question : *Read the passage and answer the question based on it.*

Question No. : 142

Paragraph I: The internet already enables patients to seek online consultations when and where it suits them. You can take over-the-counter tests to analyse your blood, sequence your genome and check on the bacteria in your gut. Yet radical change demands a shift in emphasis, from providers to patients and from doctors to data. That shift is happening. Technologies such as the smartphone allow people to monitor their own health. The possibilities multiply when you add the crucial missing ingredients—access to your own medical records and the ability to easily share information with those you trust. That allows you to reduce inefficiencies in your own treatment and also to provide data to help train medical algorithms. You can enhance your own care and everyone else's, too.

Paragraph II: Medical data may not seem like the type of kindling to spark a revolution. But the flow of information is likely to bear fruit in several ways. One is better diagnosis. Someone worried about their heart can now buy a watch strap containing a medical-grade monitor that will detect arrhythmias. Apps are vying to see if they can diagnose everything from skin cancer and concussion to Parkinson's disease. Research is under way to see whether sweat can be analysed for molecular biomarkers without the need for an invasive blood test. Some think that changes in how quickly a person swipes a phone's touchscreen might signal the onset of cognitive problems. A second benefit lies in the management of complex diseases. Diabetes apps can change the way patients cope, by monitoring blood-glucose levels and food intake, potentially reducing long-run harm such as blindness and gangrene. Akili Interactive, a startup, plans to seek regulatory approval for a videogame designed to stimulate an area of the brain implicated in attention-deficit hyperactivity disorder.

Paragraph III: Patients can also improve the efficiency of their care with access to data. Although health records are increasingly electronic, they are often still trapped in silos. Many contain data that machines cannot read. This can lead to delays in treatment, or worse. Many of the 250,000 deaths in America attributable to medical error each year can be traced to poorly co-ordinated care. With data at their fingertips, common standards to enable sharing and a strong incentive to get things right, patients are more likely to spot errors.

Paragraph IV: As with all new technologies, pitfalls accompany the promise. Hucksters will launch apps that do not work. But with regulators demanding oversight of apps that present risks to patients, users will harm only their wallets. Not everyone will want to take active control of their own health care; plenty will want the professionals to manage everything. Fine. Data can be pored over by those who are interested, while those who are not can opt to share data automatically with trusted providers. The benefits of new technologies often flow disproportionately to the rich. Other risks are harder to deal with. Greater transparency may encourage the hale and hearty not to take out health insurance. They may even make it harder for the unwell to find cover. Will the benefits of making data more widely available outweigh such risks? The signs are that they will.

Which of the following would the author support?

A. Giving all citizens access to medical records.
B. Making health insurance a thing of the past.
C. Over-the-counter medical tests should be banned.

A) Only (A) B) Only (B) C) Only (B) and (C) D) Only (C) E) All (A), (B) and (C)

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DIRECTIONS for the question : *Read the passage and answer the question based on it.*

Question No. : 143

Paragraph I: The internet already enables patients to seek online consultations when and where it suits them. You can take over-the-counter tests to analyse your blood, sequence your genome and check on the bacteria in your gut. Yet radical change demands a shift in emphasis, from providers to patients and from doctors to data. That shift is happening. Technologies such as the smartphone allow people to monitor their own health. The possibilities multiply when you add the crucial missing ingredients—access to your own medical records and the ability to easily share information with those you trust. That allows you to reduce inefficiencies in your own treatment and also to provide data to help train medical algorithms. You can enhance your own care and everyone else's, too.

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Which of the following describes the tone of the passage?

A) Rational B) Disparaging C) Sarcastic D) Pessimistic E) Irked

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DIRECTIONS for the question : *Read the passage and answer the question based on it.*

Question No. : 144

Paragraph I: The internet already enables patients to seek online consultations when and where it suits them. You can take over-the-counter tests to analyse your blood, sequence your genome and check on the bacteria in your gut. Yet radical change demands a shift in emphasis, from providers to patients and from doctors to data. That shift is happening. Technologies such as the smartphone allow people to monitor their own health. The possibilities multiply when you add the crucial missing ingredients—access to your own medical records and the ability to easily share information with those you trust. That allows you to reduce inefficiencies in your own treatment and also to provide data to help train medical algorithms. You can enhance your own care and everyone else's, too.

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Which of the following words is the opposite of the word/phrase 'hale and hearty'as used in the passage?

(A) under the weather (B) poorly (C) unwell (D) robust

A) Only (A), (B) and (D) B) None of (A), (B), (C) and (D) C) Only (A), (B) and (C) D) Only (A) E) Only (C)

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DIRECTIONS for the question : *Read the passage and answer the question based on it.*

Question No. : 145

Paragraph I: The internet already enables patients to seek online consultations when and where it suits them. You can take over-the-counter tests to analyse your blood, sequence your genome and check on the bacteria in your gut. Yet radical change demands a shift in emphasis, from providers to patients and from doctors to data. That shift is happening. Technologies such as the smartphone allow people to monitor their own health. The possibilities multiply when you add the crucial missing ingredients—access to your own medical records and the ability to easily share information with those you trust. That allows you to reduce inefficiencies in your own treatment and also to provide data to help train medical algorithms. You can enhance your own care and everyone else's, too.

Paragraph II: Medical data may not seem like the type of kindling to spark a revolution. But the flow of information is likely to bear fruit in several ways. One is better diagnosis. Someone worried about their heart can now buy a watch strap containing a medical-grade monitor that will detect arrhythmias. Apps are vying to see if they can diagnose everything from skin cancer and concussion to Parkinson's disease. Research is under way to see whether sweat can be analysed for molecular biomarkers without the need for an invasive blood test. Some think that changes in how quickly a person swipes a phone's touchscreen might signal the onset of cognitive problems. A second benefit lies in the management of complex diseases. Diabetes apps can change the way patients cope, by monitoring blood-glucose levels and food intake, potentially reducing long-run harm such as blindness and gangrene. Akili Interactive, a startup, plans to seek regulatory approval for a videogame designed to stimulate an area of the brain implicated in attention-deficit hyperactivity disorder.

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Paragraph IV: As with all new technologies, pitfalls accompany the promise. Hucksters will launch apps that do not work. But with regulators demanding oversight of apps that present risks to patients, users will harm only their wallets. Not everyone will want to take active control of their own health care; plenty will want the professionals to manage everything. Fine. Data can be pored over by those who are interested, while those who are not can opt to share data automatically with trusted providers. The benefits of new technologies often flow disproportionately to the rich. Other risks are harder to deal with. Greater transparency may encourage the hale and hearty not to take out health insurance. They may even make it harder for the unwell to find cover. Will the benefits of making data more widely available outweigh such risks? The signs are that they will.

Why has the author cited the example of Akili interactive in the passage?

A) To illustrate how being your own doctor can negatively affect your health.
B) To point out how the confidentiality of health records is being breached. C) None of the given options.
D) To demonstrate that delays in treatment have severe and fatal consequences.
E) To show that technology can be deployed innovatively to monitor and handle diseases

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DIRECTIONS for the question : *Read the passage and answer the question based on it.*

Question No. : 146

Paragraph I: The internet already enables patients to seek online consultations when and where it suits them. You can take over-the-counter tests to analyse your blood, sequence your genome and check on the bacteria in your gut. Yet radical change demands a shift in emphasis, from providers to patients and from doctors to data. That shift is happening. Technologies such as the smartphone allow people to monitor their own health. The possibilities multiply when you add the crucial missing ingredients—access to your own medical records and the ability to easily share information with those you trust. That allows you to reduce inefficiencies in your own treatment and also to provide data to help train medical algorithms. You can enhance your own care and everyone else's, too.

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Which of the following describe(s) the author's view in the context of the passage?

A. Disadvantages outweigh the benefits in using technology to monitor health.
B. Technology will revolutionalise healthcare.
C. Technology will address certain gaps in healthcare.

A) None of (A), (B) and (C) B) Only (C) C) Only (A) D) Only (B) and (C) E) Only (B)

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DIRECTIONS for the question : *Read the passage and answer the question based on it.*

Question No. : 147

Paragraph I: The internet already enables patients to seek online consultations when and where it suits them. You can take over-the-counter tests to analyse your blood, sequence your genome and check on the bacteria in your gut. Yet radical change demands a shift in emphasis, from providers to patients and from doctors to data. That shift is happening. Technologies such as the smartphone allow people to monitor their own health. The possibilities multiply when you add the crucial missing ingredients—access to your own medical records and the ability to easily share information with those you trust. That allows you to reduce inefficiencies in your own treatment and also to provide data to help train medical algorithms. You can enhance your own care and everyone else's, too.

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Which of the following is/are hazard(s) of technology in healthcare?

A. Resistance among the healthy to taking out insurance.
B. Medical error will be rampant.
C. The rich may benefit more in comparison to others.

A) Only (A) and (C) B) All (A), (B) and (C) C) Only (C) D) Only (B) E) Only (B) and (C)

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DIRECTIONS for the question : *Read the passage and answer the question based on it.*

Question No. : 148

Paragraph I: The internet already enables patients to seek online consultations when and where it suits them. You can take over-the-counter tests to analyse your blood, sequence your genome and check on the bacteria in your gut. Yet radical change demands a shift in emphasis, from providers to patients and from doctors to data. That shift is happening. Technologies such as the smartphone allow people to monitor their own health. The possibilities multiply when you add the crucial missing ingredients—access to your own medical records and the ability to easily share information with those you trust. That allows you to reduce inefficiencies in your own treatment and also to provide data to help train medical algorithms. You can enhance your own care and everyone else's, too.

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Which of the following words can replace the word 'kindling' as used in the passage?

(A) hinder (B) quenching (C) fuel (D) dampening

A) Only (A) B) Only (B) C) Only (A) and (C) D) Only (A) E) Only (C)

DIRECTIONS for the question: *Choose the word from the options which is* ***Opposite*** *in meaning to the given word.*

Question No. : 149

INITIAL

A) fundamental-major B) personalise-unique C) foremost-lone D) leading-solitary E) primary-final

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DIRECTIONS for the question: *Choose the word from the options which is* ***Opposite*** *in meaning to the given word.*

Question No. : 150

COMPROMISE

A) bargain-appeal B) endanger-protect C) agreement-concession D) contest-appease E) confront-settle

Section : Quantitative Ability

DIRECTIONS for the question*: In the following series, one of the terms given is* ***wrong****. Find that term and mark that as your answer.*

Question No. : 151

209 206 202 192 175 149 112

A) 202 B) 175 C) 206 D) 149 E) 192

DIRECTIONS for the question*: In the following series, one of the terms given is* ***wrong****. Find that term and mark that as your answer.*

Question No. : 152

444 220 108 52 24 12 3

A) 220 B) 52 C) 12 D) 108 E) 24

DIRECTIONS for the question*: In the following series, one of the terms given is* ***wrong****. Find that term and mark that as your answer.*

Question No. : 153

1 18 120 960 5760 23040 46080

A) 5760 B) 960 C) 120 D) 23040 E) 18

DIRECTIONS for the question*: In the following series, one of the terms given is* ***wrong****. Find that term and mark that as your answer.*

Question No. : 154

6 4 5 8.5 18 55 139

A) 4 B) 5 C) 8.5 D) 55 E) 18

DIRECTIONS for the question*: In the following series, one of the terms given is* ***wrong****. Find that term and mark that as your answer.*

Question No. : 155

5 4 7 20 79 386 2363

A) 4 B) 7 C) 20 D) 386 E) 79

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***DIRECTIONS for the question**: In the following series, one of the terms given is **wrong**. Find that term and mark that as your answer.*

Question No. : 156

509 507 497 467 400 269 47

A) 507 B) 467 C) 268 D) 437 E) 400

***DIRECTIONS for the question:** Solve the following question and mark the best possible option.*

Question No. : 157

12 men cam complete a piece of work in 36 days, 18 women can complete the same piece of work in 60 days. 8 men and 20 women work together for 20 days. If only women were to complete the remaining piece of work in 4 day, how many women would be required?

A) 70 B) 28 C) 66 D) 40 E) 69

***DIRECTIONS for the question:** Solve the following question and mark the best possible option.*

Question No. : 158

A right circular cone of maximum size, was carved out from a right circular cylinder (keeping the height and the radius as same as of the cylinder). The difference between the volumes of the cylinder and the conical structure was 4928 cm3. The respective ratio between the height and radius is 6 : 7. What is the height of the cylinder?

A) 6 cm B) 18 cm C) 12 cm D) 35 cm E) 24 cm

***DIRECTIONS for the question:** Solve the following question and mark the best possible option.*

Question No. : 159

Had Aparup been 12 years younger, his present age would have been sum of his one son's and one daughter's age. Had Aparup been 2 years elder, his present age would have been 26 years more than his son's present age. If Aparup's present age is four times of his daughter's present age, what will be his son's age 2 years hence? (in years)

A) 28 B) 26 C) 18 D) 14 E) 22

***DIRECTIONS for the question:** Solve the following question and mark the best possible option.*

Question No. : 160

If two cards are drawn at random from a deck of cards one after the other without replacement, what is the probability that one is even numbered card of black colour and the other is a face card of red colour?

A) 12/221 B) 23/221 C) 15/338 D) 63/676 E) None of those given as options

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DIRECTIONS for the question: *The question below is followed by two statements marked I and II. Mark as your answer.*

Question No. : 161

What is the total number of students in Class XII?

I. Average marks of students of class XII is 24.
II. Number of students who passed in XII were 20.

A) If statement A alone is sufficient but B is not sufficient B) If statement B alone is sufficient but A is not sufficient
C) If both statements A and B are needed D) If each statement A or B alone is sufficient
E) If both of them together are not sufficient

DIRECTIONS for the question: *The question below is followed by two statements marked I and II. Mark as your answer.*

Question No. : 162

What is the volume of the cylindrical tank ?

I. Diameter of the base is equal to the height of the tank.
II. Height of the tank is 20 m.

A) If statement A alone is sufficient but B is not sufficient B) If statement B alone is sufficient but A is not sufficient
C) If both statements A and B are needed D) If each statement A or B alone is sufficient
E) If both of them together are not sufficient

DIRECTIONS for the question: *The question below is followed by two statements marked I and II. Mark as your answer.*

Question No. : 163

What is the surface area of the cuboid? (in m^2)

I. Each dimension (in m) of the cuboid is an integer less than 23. The volume of the cuboid is 154 m^3.
II. The length of the cuboid is 7m.

A) If statement A alone is sufficient but B is not sufficient B) If statement B alone is sufficient but A is not sufficient
C) If both statements A and B are needed D) If each statement A or B alone is sufficient
E) If both of them together are not sufficient

DIRECTIONS for the question: *The question below is followed by two statements marked I and II. Mark as your answer.*

Question No. : 164

If A and B are integers, is the value of A equal to the value of B?

I. The value of $(A-18)^3$ is equal to the value of $(B-18)^3$
II. The value of $(A-42)^2$ is equal to the value of $(B-42)^2$

A) If statement A alone is sufficient but B is not sufficient B) If statement B alone is sufficient but A is not sufficient
C) If both statements A and B are needed D) If each statement A or B alone is sufficient
E) If both of them together are not sufficient

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DIRECTIONS for the question: *The question below is followed by two statements marked I and II. Mark as your answer.*

Question No. : 165

A, B and C started a business with a total investment of Rs. 21,400/-. What is the total annual profit earned by them?

I. B earned a profit of Rs. 11,200/-. Had B invested Rs. 3000/- more and C invested Rs. 3000/- less. B's share of annual profit would have been Rs. 15,200.
II. B invested Rs. 8400

A) If statement A alone is sufficient but B is not sufficient B) If statement B alone is sufficient but A is not sufficient
C) If both statements A and B are needed D) If each statement A or B alone is sufficient
E) If both of them together are not sufficient

DIRECTIONS for the question: *Go through the graph and the information given below and answer the question that follows.*

Question No. : 166

Data regarding number of students from 2 Schools- A, B - who took their Class-10 and Class-12 exams.

School – A: 90 students indulged in malpractice in their Class-12 exams, which was 10% of total number of students who appeared for both exams together. Number of students appearing in their Class-12 exams was 180 more than those appearing n their Class-10 exams.

School-B : Number of students who appeared in their Class-12 exams was 40 more than those who appeared in theirClass-10 exams from School-A. 11% of total number of students who appeared in both exams together indulged in malpractice. 85 students who appeared for their Class-12 exams indulged in malpractice which was 70% more than those from School-A who indulged in malpractice in their Class-10 exams.

Total 1900 students appeared in both exams together from Schools A and B together.

NOTE: Number of students who appeared for an exam = Number of students who indulged in malpractice + Number of students who did not indulge in malpractice

Out of the number of students who appeared in their Class-10 exams from Schools A and B. If 190 and 280students respectively were females, what was the total number of male students appearing for their Class-10 exams from both schools together?

A) 390 B) 520 C) 510 D) 490 E) Other than those given as options

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DIRECTIONS for the question: *Go through the graph and the information given below and answer the question that follows.*

Question No. : 167

Data regarding number of students from 2 Schools- A, B - who took their Class-10 and Class-12 exams.

School – A: 90 students indulged in malpractice in their Class-12 exams, which was 10% of total number of students who appeared for both exams together. Number of students appearing in their Class-12 exams was 180 more than those appearing n their Class-10 exams.

School-B : Number of students who appeared in their Class-12 exams was 40 more than those who appeared in theirClass-10 exams from School-A. 11% of total number of students who appeared in both exams together indulged in malpractice. 85 students who appeared for their Class-12 exams indulged in malpractice which was 70% more than those from School-A who indulged in malpractice in their Class-10 exams.

Total 1900 students appeared in both exams together from Schools A and B together.

NOTE: Number of students who appeared for an exam = Number of students who indulged in malpractice + Number of students who did not indulge in malpractice

If the total exam fee collected by School-B for the Class-10 exam was Rs. 270000, what was the exam fee charged per student appearing in the Class-10 exam? (in Rs.)

A) 550 B) 350 C) 400 D) 450 E) 500

DIRECTIONS for the question: *Go through the graph and the information given below and answer the question that follows.*

Question No. : 168

Data regarding number of students from 2 Schools- A, B - who took their Class-10 and Class-12 exams.

School – A: 90 students indulged in malpractice in their Class-12 exams, which was 10% of total number of students who appeared for both exams together. Number of students appearing in their Class-12 exams was 180 more than those appearing n their Class-10 exams.

School-B : Number of students who appeared in their Class-12 exams was 40 more than those who appeared in theirClass-10 exams from School-A. 11% of total number of students who appeared in both exams together indulged in malpractice. 85 students who appeared for their Class-12 exams indulged in malpractice which was 70% more than those from School-A who indulged in malpractice in their Class-10 exams.

Total 1900 students appeared in both exams together from Schools A and B together.

NOTE: Number of students who appeared for an exam = Number of students who indulged in malpractice + Number of students who did not indulge in malpractice

From School-D, number of students who indulged in malpractice in their Class-10 and Class-12 exams were respectively 15 more and 12 less as compared to those from School-A. What was the respective ratio between number of students who indulged in malpractice in their Class-10 and Class-12 exams from School-D?

A) 5:7 B) 4:5 C) 7:9 D) 6:7 E) 5:6

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DIRECTIONS for the question: *Go through the graph and the information given below and answer the question that follows.*

Question No. : 169

Data regarding number of students from 2 Schools- A, B - who took their Class-10 and Class-12 exams.

School – A: 90 students indulged in malpractice in their Class-12 exams, which was 10% of total number of students who appeared for both exams together. Number of students appearing in their Class-12 exams was 180 more than those appearing n their Class-10 exams.

School-B : Number of students who appeared in their Class-12 exams was 40 more than those who appeared in theirClass-10 exams from School-A. 11% of total number of students who appeared in both exams together indulged in malpractice. 85 students who appeared for their Class-12 exams indulged in malpractice which was 70% more than those from School-A who indulged in malpractice in their Class-10 exams.

Total 1900 students appeared in both exams together from Schools A and B together.

NOTE: Number of students who appeared for an exam = Number of students who indulged in malpractice + Number of students who did not indulge in malpractice

From School-A, if 70% of students who indulged in malpractice in their Class-10 exams were not caught by the authorities, how many students were caught indulging in malpractice by the authorities?

A) 21 B) 15 C) 18 D) 12 E) 30

DIRECTIONS for the question: *Go through the graph and the information given below and answer the question that follows.*

Question No. : 170

Data regarding number of students from 2 Schools- A, B - who took their Class-10 and Class-12 exams.

School – A: 90 students indulged in malpractice in their Class-12 exams, which was 10% of total number of students who appeared for both exams together. Number of students appearing in their Class-12 exams was 180 more than those appearing n their Class-10 exams.

School-B : Number of students who appeared in their Class-12 exams was 40 more than those who appeared in theirClass-10 exams from School-A. 11% of total number of students who appeared in both exams together indulged in malpractice. 85 students who appeared for their Class-12 exams indulged in malpractice which was 70% more than those from School-A who indulged in malpractice in their Class-10 exams.

Total 1900 students appeared in both exams together from Schools A and B together.

NOTE: Number of students who appeared for an exam = Number of students who indulged in malpractice + Number of students who did not indulge in malpractice

From School-B, what was the respective ratio between number of students who indulged in malpractice and those who did not malpractice in their Class-10 exams?

A) 1:12 B) 1:24 C) 1:23 D) 1:25 E) 1:22

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DIRECTIONS for the question: *Go through the graph and the information given below and answer the question that follows.*

Question No. : 171

Data regarding number of students from 2 Schools- A, B - who took their Class-10 and Class-12 exams.

School – A: 90 students indulged in malpractice in their Class-12 exams, which was 10% of total number of students who appeared for both exams together. Number of students appearing in their Class-12 exams was 180 more than those appearing n their Class-10 exams.

School-B : Number of students who appeared in their Class-12 exams was 40 more than those who appeared in theirClass-10 exams from School-A. 11% of total number of students who appeared in both exams together indulged in malpractice. 85 students who appeared for their Class-12 exams indulged in malpractice which was 70% more than those from School-A who indulged in malpractice in their Class-10 exams.

Total 1900 students appeared in both exams together from Schools A and B together.

NOTE: Number of students who appeared for an exam = Number of students who indulged in malpractice + Number of students who did not indulge in malpractice

From School-C, if number of students who appeared in their Class-12 exams was 9% more than those from School-B, what was the difference between the number of students who appeared in their Class-12 exams from Schools A and C?

A) 192 B) 108 C) 98 D) 94 E) 104

DIRECTIONS for the question: *Solve the following question and mark the best possible option.*

Question No. : 172

Each month, starting from the beginning of the year, from her monthly allowance, Pooja pays 20% towards college fees. From the remaining amount she keeps aside 20% in her personal fund for a travel trip and 30% for sundry expenses. At the end of the year, if the total amount in her travel fund was Rs. 28,800, how much did she keep aside each month for sundry expenses?

A) Rs.4800 B) Rs. 2000 C) Rs. 2400 D) Rs. 3000 E) Rs.3600

DIRECTIONS for the question: *Find the value/s of x and y and mark the answer accordingly..*

Question No. : 173

I. $x^2-9 = 0$
II. $\sqrt{y} = 3$

A) if x > y B) if x< y C) if x ≥ y D) if x ≤ y E) if x = y or relationship can't be established

DIRECTIONS for the question: *Find the value/s of x and y and mark the answer accordingly..*

Question No. : 174

I. $2x^2-11x + 12 = 0$
II. $8y^2-18y + 9 = 0$

A) if x > y B) if x< y C) if x ≥ y D) if x ≤ y E) if x = y or relationship can't be established

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DIRECTIONS for the question: *Find the value/s of x and y and mark the answer accordingly..*

Question No. : 175

I. $x^2 + 4x + 3 = 0$
II. $2y^2 + 7y + 6 = 0$

A) if x > y B) if x< y C) if x ≥ y D) if x ≤ y E) if x = y or relationship can't be established

DIRECTIONS for the question: *Find the value/s of x and y and mark the answer accordingly..*

Question No. : 176

I. $4x^2-7x-2 = 0$
II. $3y^2 + y-2 = 0$

A) if x > y B) if x< y C) if x ≥ y D) if x ≤ y E) if x = y or relationship can't be established

DIRECTIONS for the question: *Find the value/s of x and y and mark the answer accordingly..*

Question No. : 177

I. $2x^2-9x+9 = 0$
II. $y^2-11y +24 = 0$

A) if x > y B) if x< y C) if x ≥ y D) if x ≤ y E) if x = y or relationship can't be established

DIRECTIONS for the question: *Find the value/s of x and y and mark the answer accordingly..*

Question No. : 178

I. $x^2 + 8x + 12 = 0$
II. $y^2 + 14y + 45 = 0$

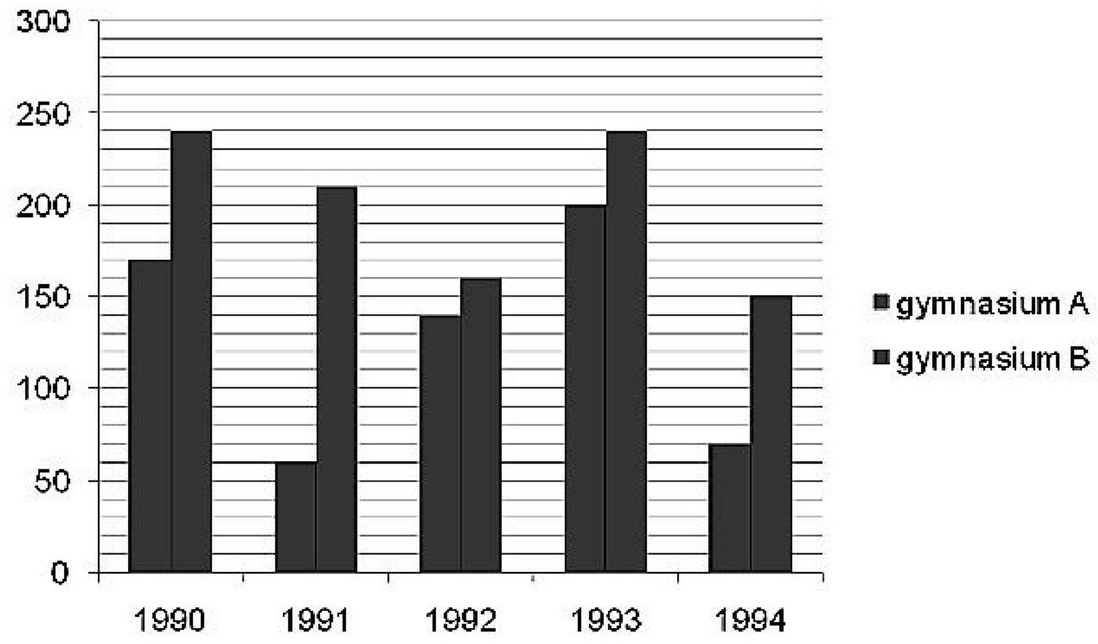
A) if x > y B) if x< y C) if x ≥ y D) if x ≤ y E) if x = y or relationship can't be established

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DIRECTIONS for the question: *Analyse the graph/s given below and answer the question that follows.*

Question No. : 179

In the Bar-chart, total members enrolled in different years from 1990 to 1994 in two gymnasiums A and B. Based on this Bar-chart solve the following questions.



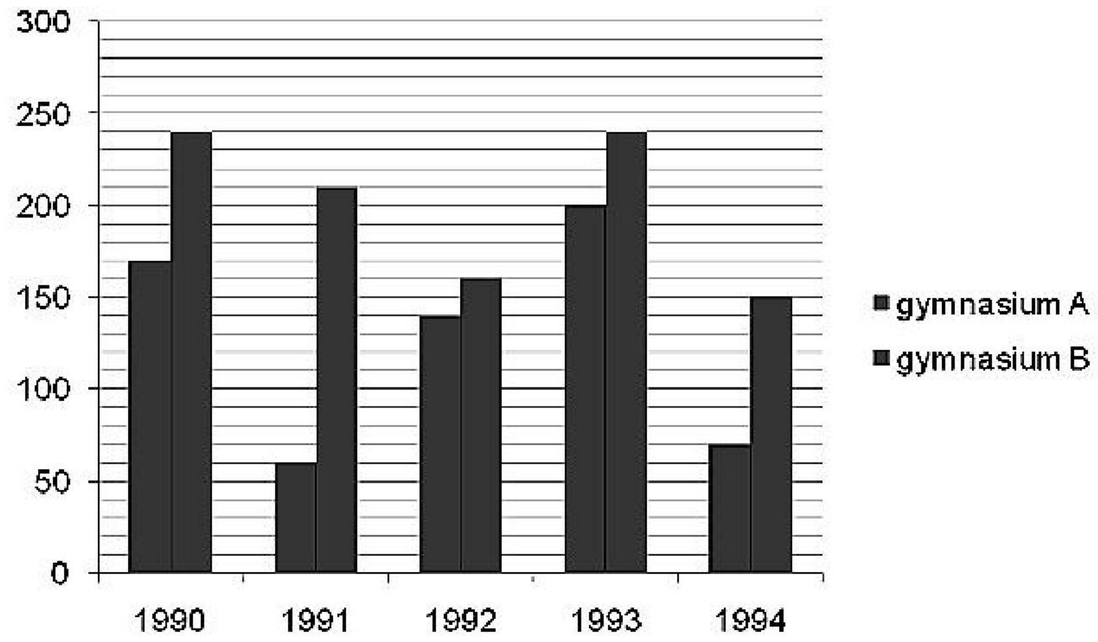
In the year 1995, 30% increase in total number of members enrolled in 1994 of both gymnasium, then find the total no. of members enrolled in 1995?

A) 282 B) 296 C) 292 D) 286 E) None of these

DIRECTIONS for the question: *Analyse the graph/s given below and answer the question that follows.*

Question No. : 180

In the Bar-chart, total members enrolled in different years from 1990 to 1994 in two gymnasiums A and B. Based on this Bar-chart solve the following questions.



The ratio between total members of both gymnasium in 1991 to total members in 1994 of both gymnasium is

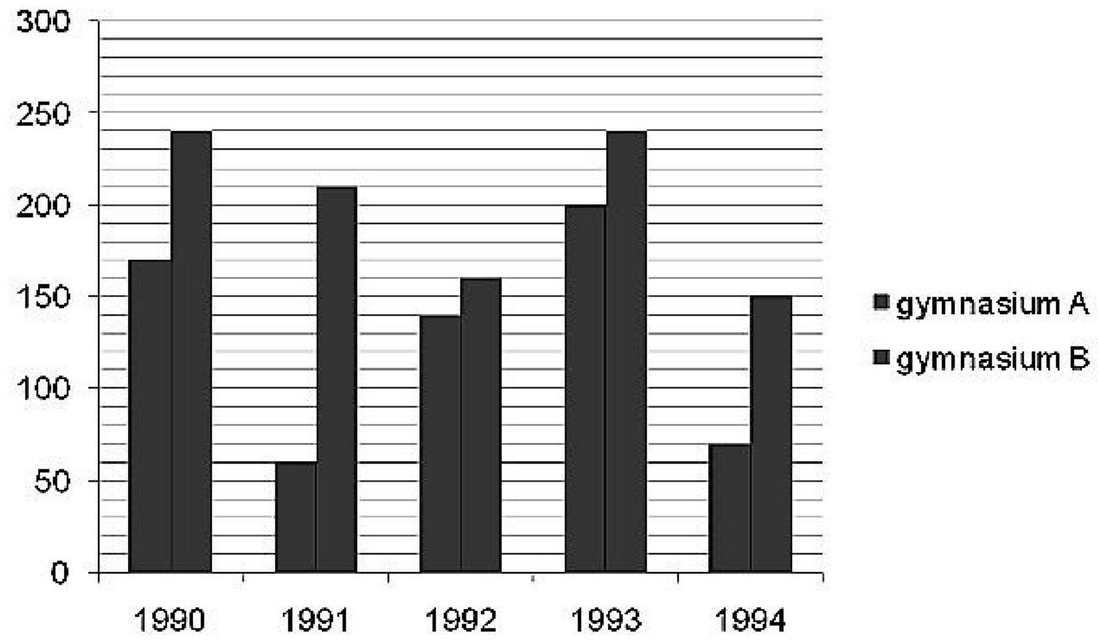
A) 22 : 27 B) 21 : 11 C) 11 : 21 D) 25 : 13 E) 27 : 22

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DIRECTIONS for the question: *Analyse the graph/s given below and answer the question that follows.*

Question No. : 181

In the Bar-chart, total members enrolled in different years from 1990 to 1994 in two gymnasiums A and B. Based on this Bar-chart solve the following questions.



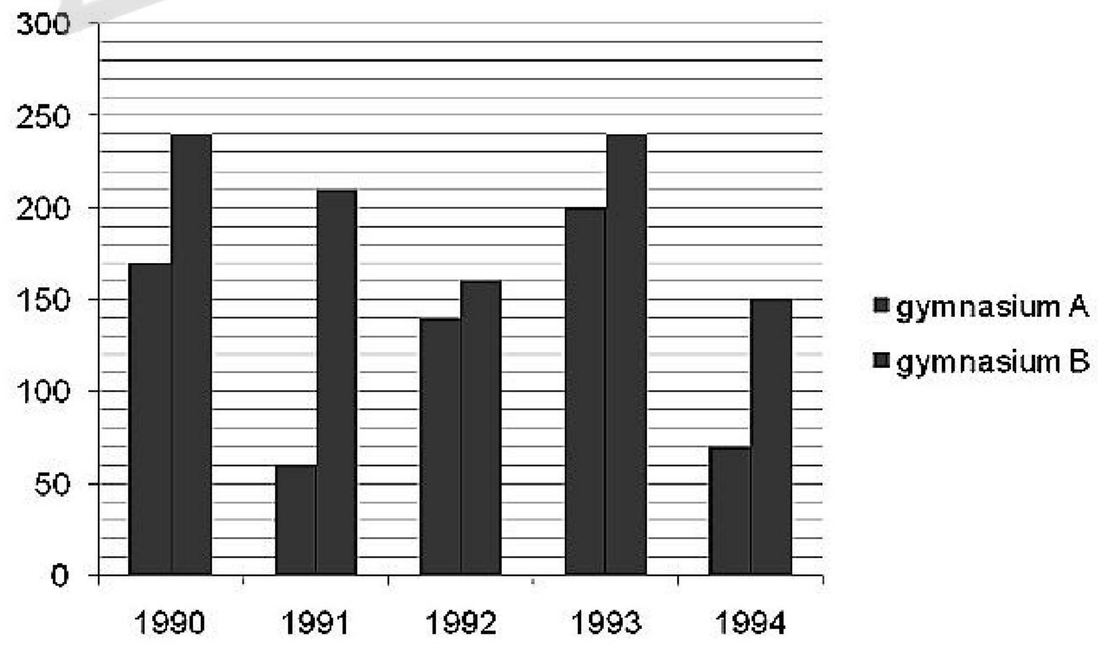
The number of members of gymnasium A in 1991 is what % of the no. of members of gymnasium B in 1994.

A) 60% B) 55% C) 58% D) 62% E) None of these

DIRECTIONS for the question: *Analyse the graph/s given below and answer the question that follows.*

Question No. : 182

In the Bar-chart, total members enrolled in different years from 1990 to 1994 in two gymnasiums A and B. Based on this Bar-chart solve the following questions.



The average of members enrolled in gymnasium A from 1991 to 1994 together is what percent more or less than the average of members enrolled in gymnasium B in 1993 and 1994 together? (Rounded off to 2 decimal places)

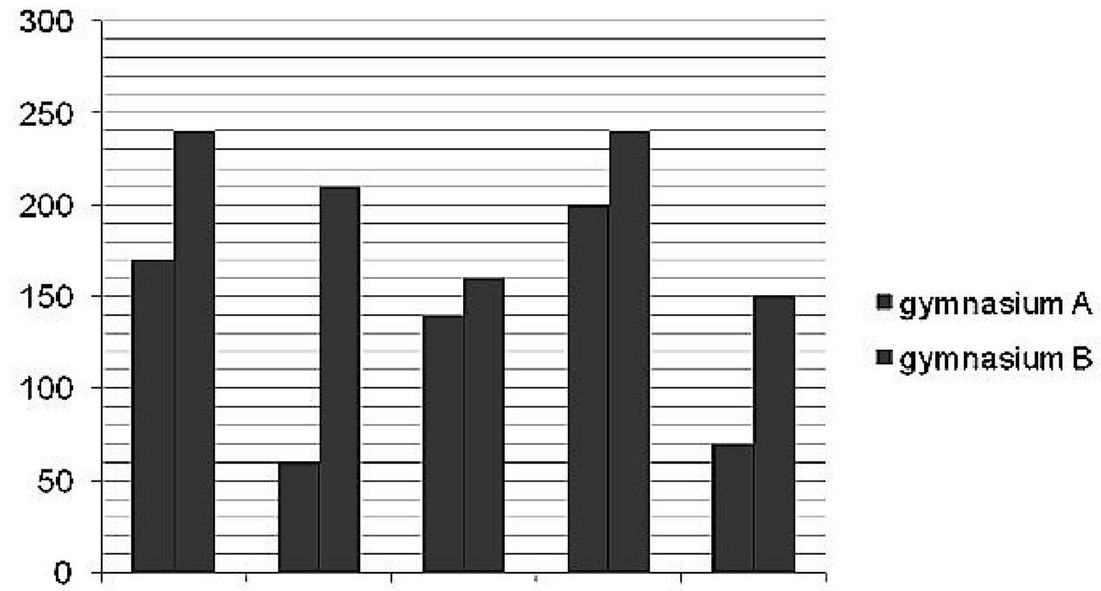
A) 10.51% B) 20.51% C) 15.51% D) 17.51% E) None of these

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DIRECTIONS for the question: *Analyse the graph/s given below and answer the question that follows.*

Question No. : 183

In the Bar-chart, total members enrolled in different years from 1990 to 1994 in two gymnasiums A and B. Based on this Bar-chart solve the following questions.

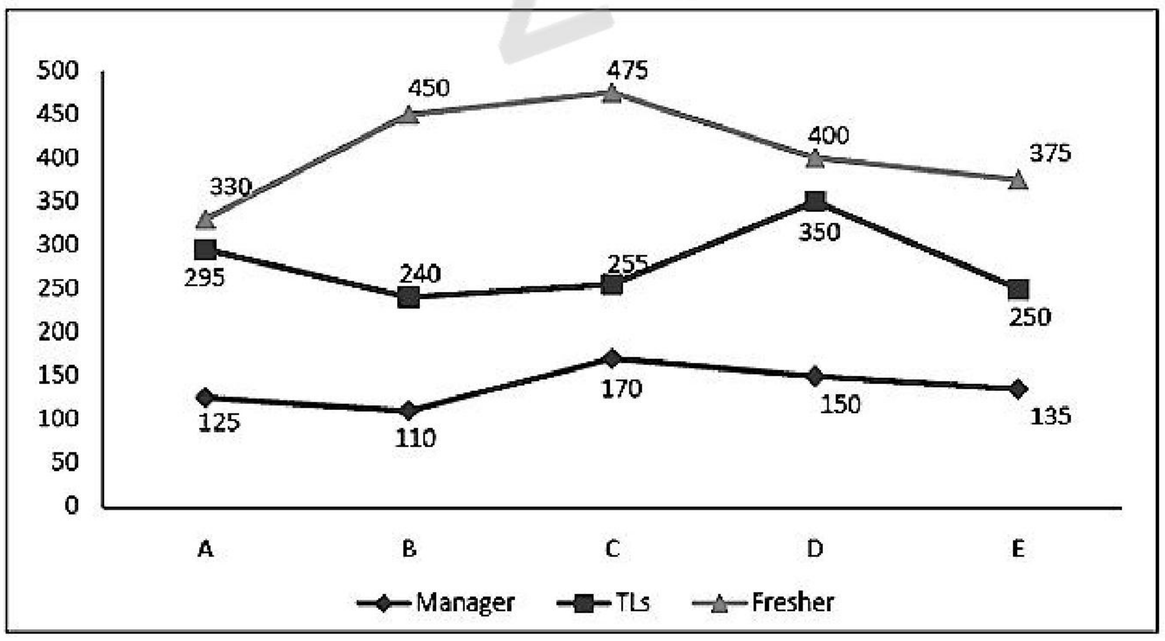


Total member enrolled in gymnasium B in 1993 and 1994 together is what % more or less than members enrolled in gymnasium A in 1990 and 1994 together ?

A) 60% B) 65% C) 62.5% D) 61.5% E) None of these

DIRECTIONS for the question: *Analyse the graph/s given below and answer the question that follows.*

Question No. : 184



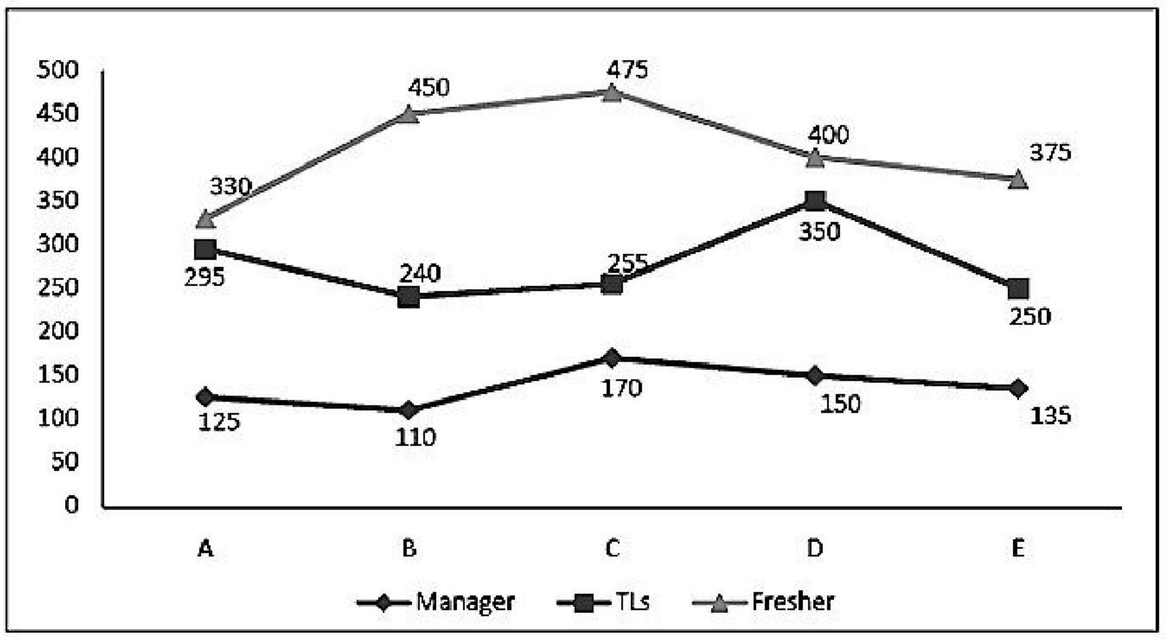
If the total number of employees of Company B and D be 960 and 1050 respectively, then what is the difference between the approximate percentage of their TLs?

A) 6% B) 9% C) 10% D) 8% E) 12%

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DIRECTIONS for the question: *Analyse the graph/s given below and answer the question that follows.*

Question No. : 185

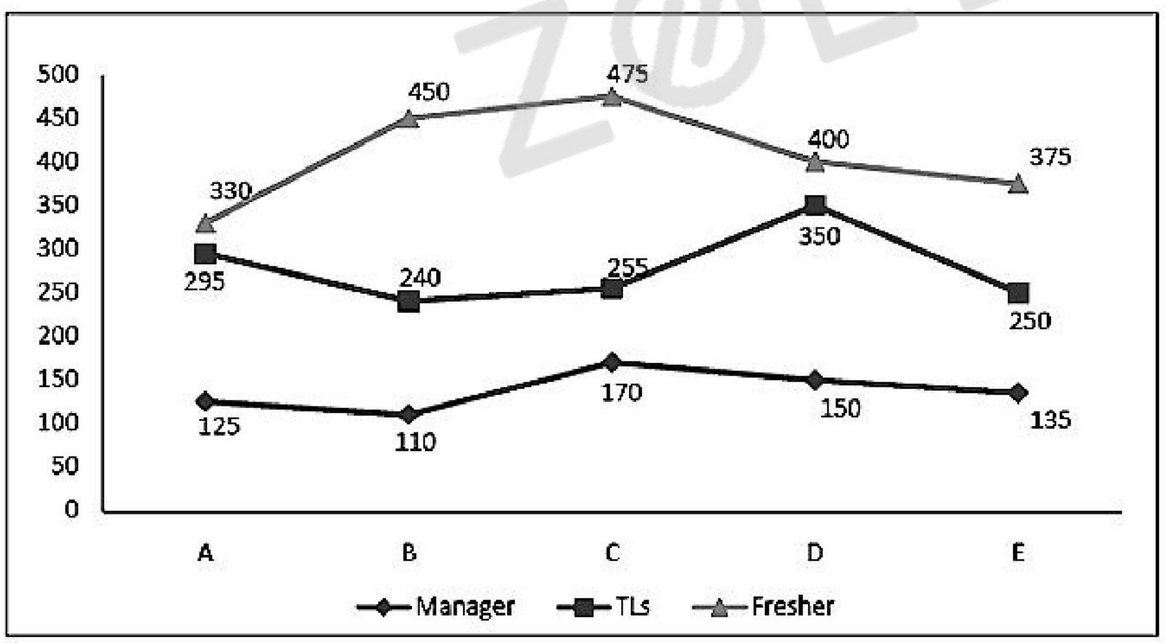


What is the difference between the average number of Managers and that of Freshers?

A) 278 B) 268 C) 286 D) 287 E) None of these

DIRECTIONS for the question: *Analyse the graph/s given below and answer the question that follows.*

Question No. : 186



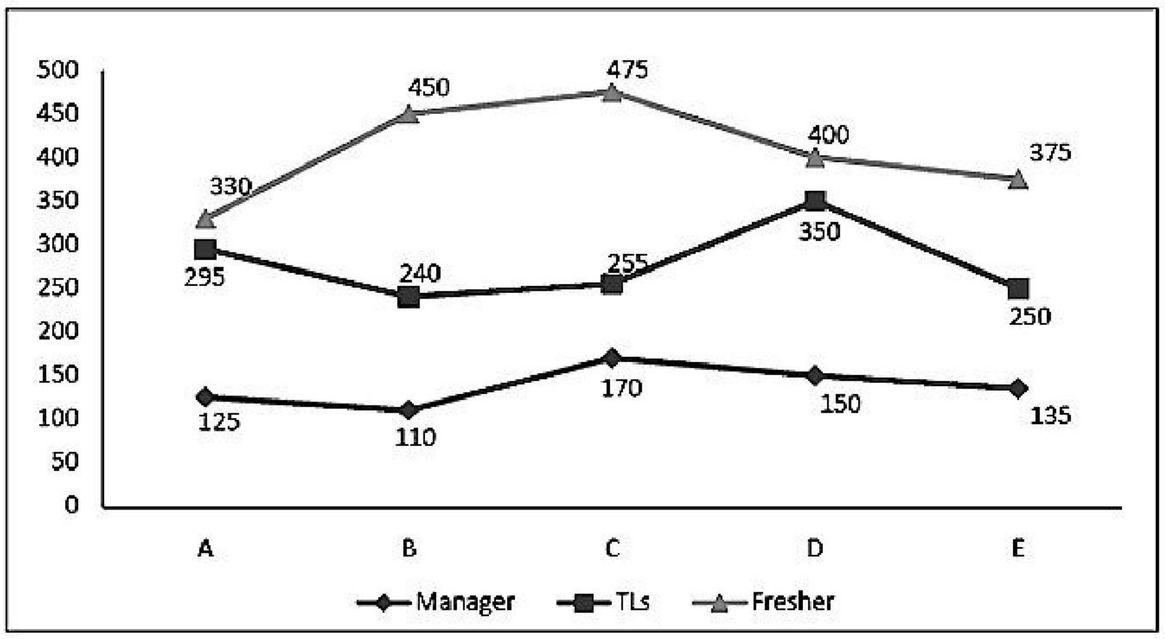
The average number of the total employees of Company C is what per cent of the average number of the total employees of Company A?

A) 120% B) 110% C) 125% D) 115% E) None of these

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DIRECTIONS for the question: *Analyse the graph/s given below and answer the question that follows.*

Question No. : 187

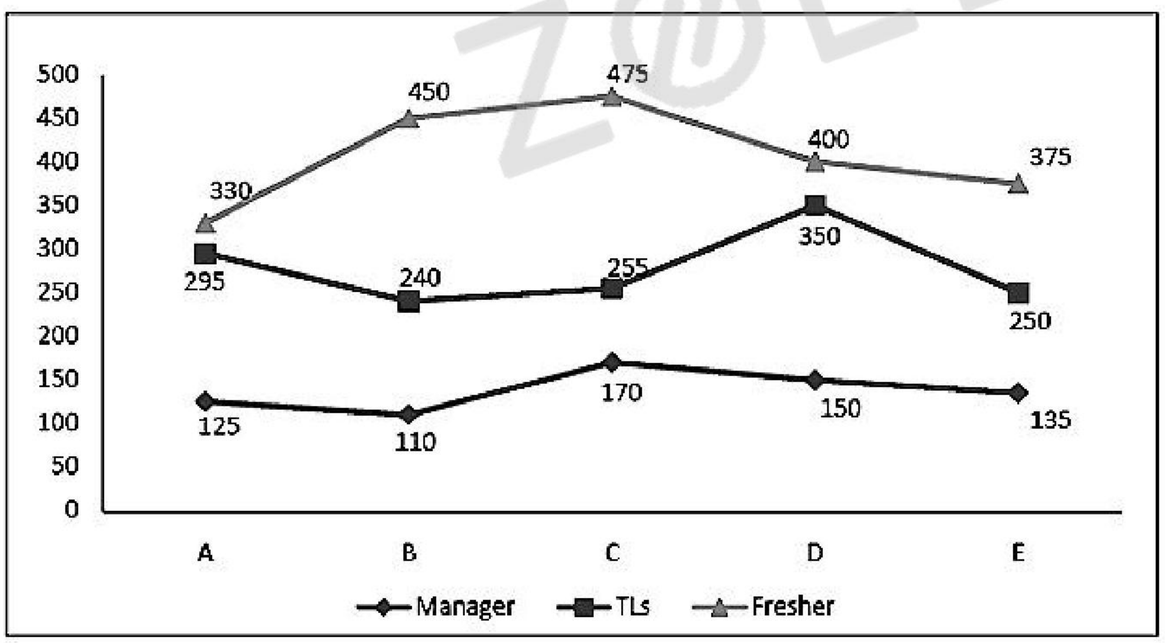


Find the ratio of the total number of TLs of Company E to that of Managers of Company A and D together.

A) 9:8 B) 8:7 C) 9:10 D) 10:11 E) None of these

DIRECTIONS for the question: *Analyse the graph/s given below and answer the question that follows.*

Question No. : 188



What is the difference between the total number of Managers and that of TLs?

A) 750 B) 700 C) 740 D) 790 E) None of these

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DIRECTIONS for the question: *Study the table/s given below and answer the question that follows.*

Question No. : 189

Data related to no. of employees who joined (Jo) and left (Le) 5 given companies during 5 given years.
(Consider the given companies started in 2001

Companies	**A**		**B**		**C**		**D**		**E**	
Years	Jo	Le	Jo	Le	Jo	Le	Jo	Le	Jo	Le
2001	161	-	148	-	179	-	116	-	128	-
2002	148	58	172	60	161	90	208	60	191	50
2003	135	69	188	96	143	101	169	45	167	79
2004	112	88	173	59	165	58	142	56	185	82
2005	141	39	151	48	179	66	155	108	142	91

If the respective ratio of number of male and female employees in company B at the end of 2003 was 5: 6, what was the number of female employees in company B at the end of 2003?

A) 208 B) 172 C) 186 D) 192 E) 212

DIRECTIONS for the question: *Study the table/s given below and answer the question that follows.*

Question No. : 190

Data related to no. of employees who joined (Jo) and left (Le) 5 given companies during 5 given years.
(Consider the given companies started in 2001

Companies	**A**		**B**		**C**		**D**		**E**	
Years	Jo	Le	Jo	Le	Jo	Le	Jo	Le	Jo	Le
2001	161	-	148	-	179	-	116	-	128	-
2002	148	58	172	60	161	90	208	60	191	50
2003	135	69	188	96	143	101	169	45	167	79
2004	112	88	173	59	165	58	142	56	185	82
2005	141	39	151	48	179	66	155	108	142	91

What was the total number of employees in company A at the end of 2004?

A) 347 B) 363 C) 329 D) 335 E) 341

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DIRECTIONS for the question: *Study the table/s given below and answer the question that follows.*

Question No. : 191

Data related to no. of employees who joined (Jo) and left (Le) 5 given companies during 5 given years.
(Consider the given companies started in 2001

Companies	**A**		**B**		**C**		**D**		**E**	
Years	Jo	Le	Jo	Le	Jo	Le	Jo	Le	Jo	Le
2001	161	-	148	-	179	-	116	-	128	-
2002	148	58	172	60	161	90	208	60	191	50
2003	135	69	188	96	143	101	169	45	167	79
2004	112	88	173	59	165	58	142	56	185	82
2005	141	39	151	48	179	66	155	108	142	91

Number of employees in company E at the end of 2002 is what percent more than the number of employees in company C at the end of 2002?

A) $9\frac{1}{5}$ B) $3\frac{4}{5}$ C) $11\frac{1}{5}$ D) $7\frac{3}{5}$ E) $5\frac{4}{5}$

DIRECTIONS for the question: *Study the table/s given below and answer the question that follows.*

Question No. : 192

Data related to no. of employees who joined (Jo) and left (Le) 5 given companies during 5 given years.
(Consider the given companies started in 2001

Companies	**A**		**B**		**C**		**D**		**E**	
Years	Jo	Le	Jo	Le	Jo	Le	Jo	Le	Jo	Le
2001	161	-	148	-	179	-	116	-	128	-
2002	148	58	172	60	161	90	208	60	191	50
2003	135	69	188	96	143	101	169	45	167	79
2004	112	88	173	59	165	58	142	56	185	82
2005	141	39	151	48	179	66	155	108	142	91

In which of the given companies number of employees was highest at the end of 2002?

A) D B) C C) B D) A E) E

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DIRECTIONS for the question: *Study the table/s given below and answer the question that follows.*

Question No. : 193

Data related to no. of employees who joined (Jo) and left (Le) 5 given companies during 5 given years.
(Consider the given companies started in 2001

Companies	**A**		**B**		**C**		**D**		**E**	
Years	Jo	Le	Jo	Le	Jo	Le	Jo	Le	Jo	Le
2001	161	-	148	-	179	-	116	-	128	-
2002	148	58	172	60	161	90	208	60	191	50
2003	135	69	188	96	143	101	169	45	167	79
2004	112	88	173	59	165	58	142	56	185	82
2005	141	39	151	48	179	66	155	108	142	91

What is the average number of employees who joined company D during all the given years together?

A) 166 B) 156 C) 162 D) 164 E) 158

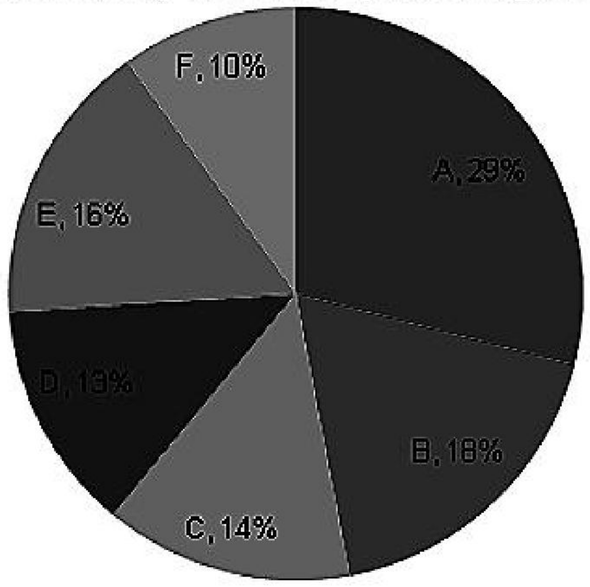
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DIRECTIONS for the question: *Go through the pie chart/s given below and answer the question that follows.*

Question No. : 194

(Total no. of cars sold by all six companies together is 1.7 lakh)



Total sale = 1.7 lakh

Company	Diesel : Petrol
A	9:8
B	11:7
C	3:4
D	8:5
E	7:9
F	3:2

What is the difference between the total number of diesel cars and the total no. of petrol cars sold by Company D?

A) 4900 B) 5100 C) 5300 D) 5500 E) 5700

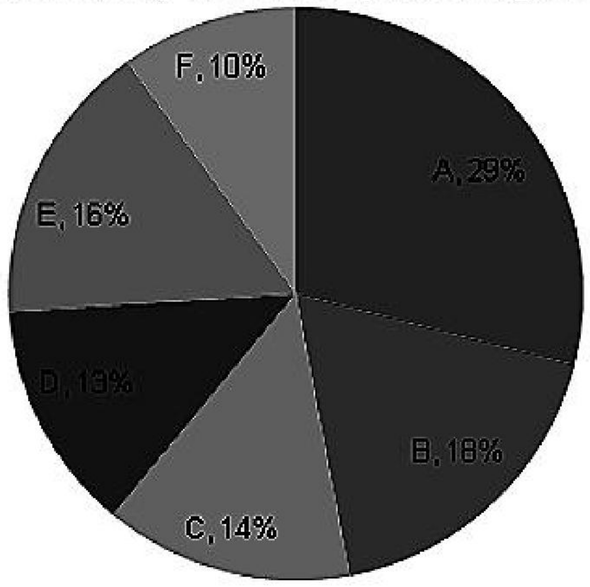
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DIRECTIONS for the question: *Go through the pie chart/s given below and answer the question that follows.*

Question No. : 195

(Total no. of cars sold by all six companies together is 1.7 lakh)



Total sale = 1.7 lakh

Company	Diesel : Petrol
A	9:8
B	11:7
C	3:4
D	8:5
E	7:9
F	3:2

What is the ratio of total no. of petrol cars sold by Company E to the that of diesel cars sold by Company F?

A) 2 : 1 B) 3 : 2 C) 4 : 3 D) 5 : 4 E) None of these

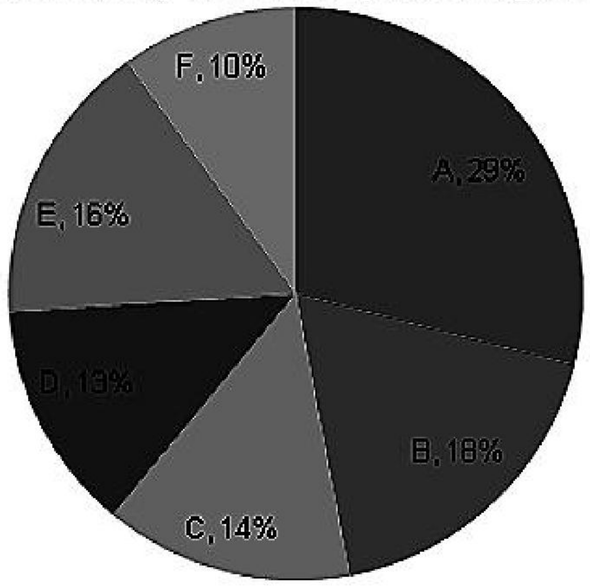
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DIRECTIONS for the question: *Go through the pie chart/s given below and answer the question that follows.*

Question No. : 196

(Total no. of cars sold by all six companies together is 1.7 lakh)



Total sale = 1.7 lakh

Company	Diesel : Petrol
A	9:8
B	11:7
C	3:4
D	8:5
E	7:9
F	3:2

Total total number of diesel cars sold by Company D is approximately what percent of the total no. of cars sold by Company F?

A) 60% B) 75% C) 80% D) 120% E) 125%

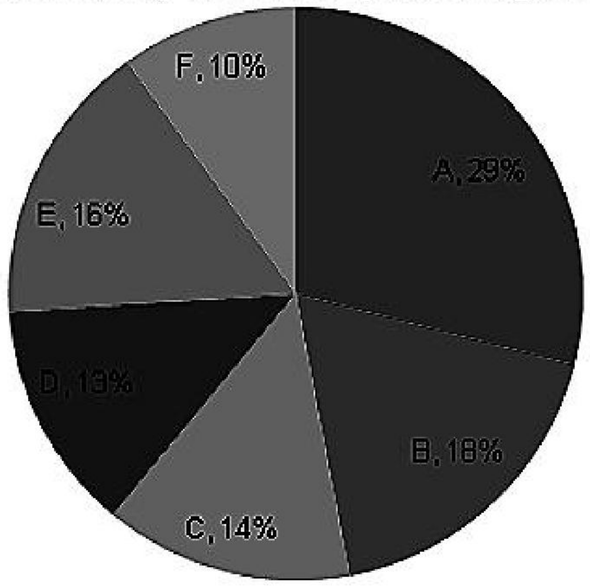
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DIRECTIONS for the question: *Go through the pie chart/s given below and answer the question that follows.*

Question No. : 197

(Total no. of cars sold by all six companies together is 1.7 lakh)



Total sale = 1.7 lakh

Company	Diesel : Petrol
A	9:8
B	11:7
C	3:4
D	8:5
E	7:9
F	3:2

What is the difference between the total number of diesel cars sold by all companies together and total number of petrol cars sold by all companies together?

A) 9600 B) 11400 C) 12700 D) 13200 E) 14800

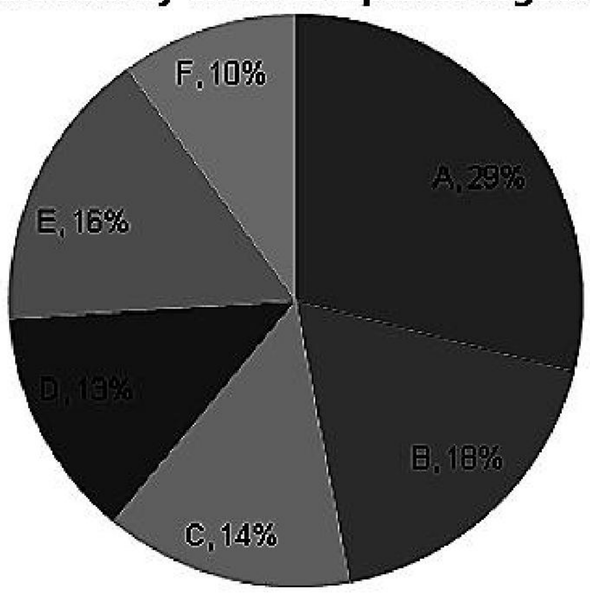
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DIRECTIONS for the question: *Go through the pie chart/s given below and answer the question that follows.*

Question No. : 198

(Total no. of cars sold by all six companies together is 1.7 lakh)



Total sale = 1.7 lakh

Company	Diesel : Petrol
A	9:8
B	11:7
C	3:4
D	8:5
E	7:9
F	3:2

What is the total number of cars sold by company E and F together?

A) 44200 B) 46200 C) 48700 D) 49300 E) 50500

DIRECTIONS for the question: *Solve the following question and mark the best possible option.*

Question No. : 199

A bag contains 5 red and 3 green balls. Another bag contains 4 red and 6 green balls. If one ball is drawn from each bag. Find the probability that one ball is red and one is green.

A) $\frac{17}{40}$ B) $\frac{21}{40}$ C) $\frac{19}{20}$ D) $\frac{17}{20}$ E) $\frac{21}{20}$

DIRECTIONS for the question: *Solve the following question and mark the best possible option.*

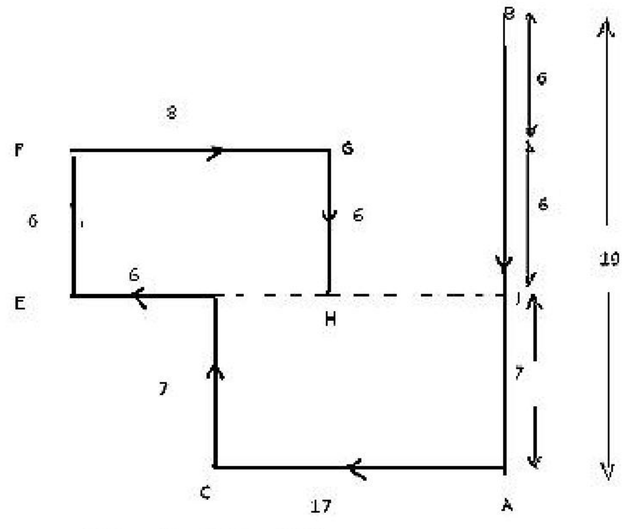
Question No. : 200

In an examination, two types of questions are asked: one mark questions and two marks questions. For each wrong answer, of one mark question, the deduction is 1/4 of a mark and for each wrong answer, of two marks question, the deduction is 'A of a mark. Moreover, 1/2 of a mark is deducted for any unanswered question. The question paper has 10 one mark questions and 10 two marks questions. In the examination, students got all possible marks between 25 and 30 and every student had different marks. What would be the rank of a student, who scores a total of 27.5 marks?

A) 5 B) 6 C) 7 D) 8 E) None of the above

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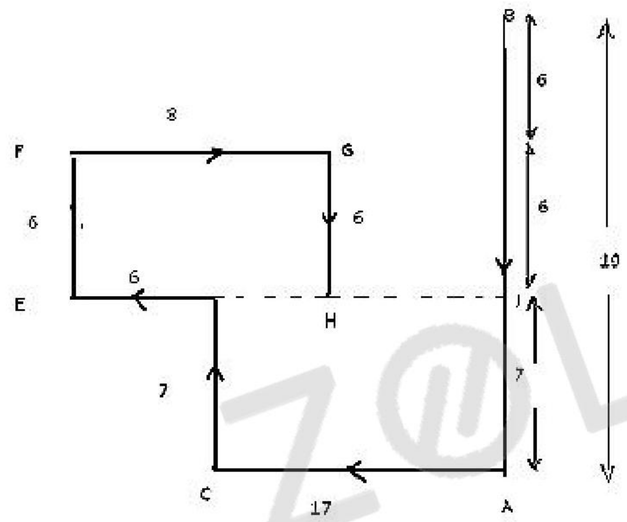
QNo:- 1 ,Correct Answer:- *E*



Explanation:-

From above diagram EJ = 6+17 =23 m

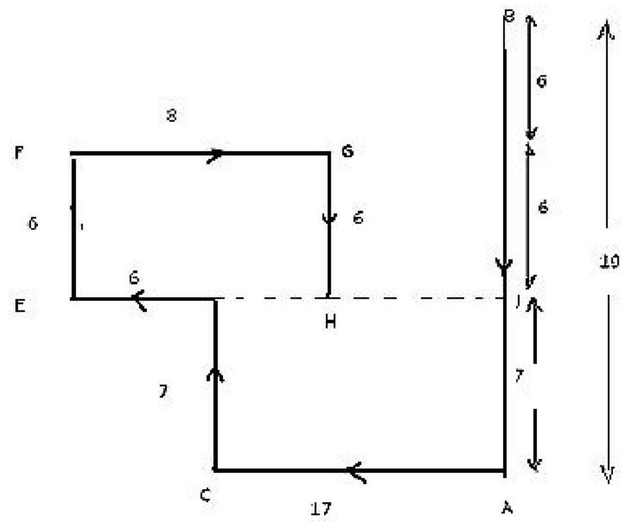
QNo:- 2 ,Correct Answer:- *E*



Explanation:-

EDH is on the same line. i.e. only D.

QNo:- 3 ,Correct Answer:- *C*

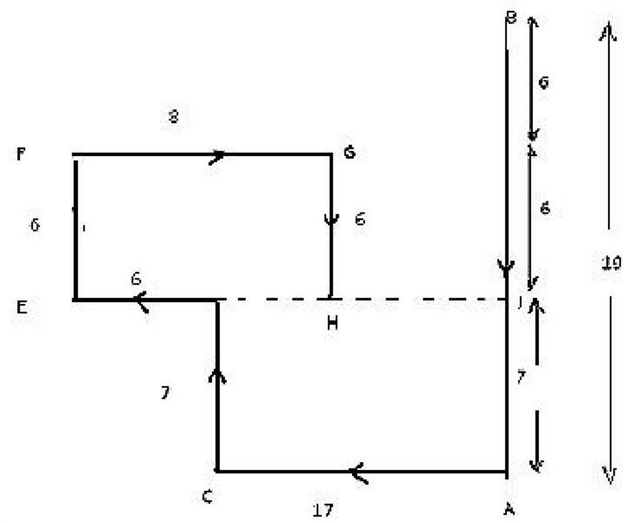


Explanation:-

North-west

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QNo:- 4 ,Correct Answer:- *D*



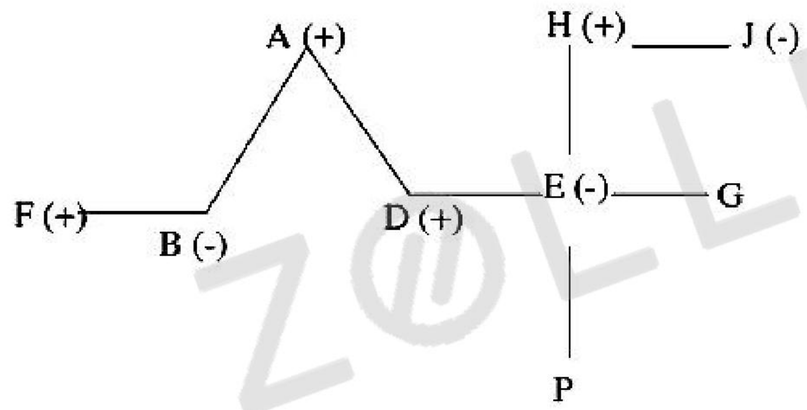
Explanation:-

ED + DH = FG

6 + DH = 8

DH = 8 -6 =2 m

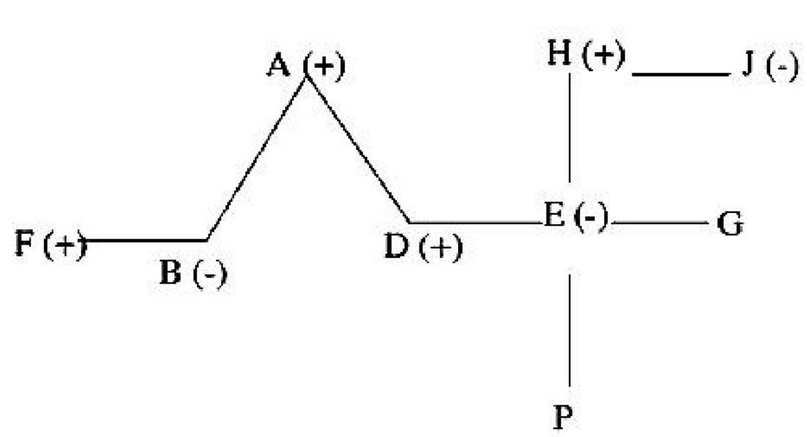
QNo:- 5 ,Correct Answer:- *D*



Explanation:-

Hence D is the father of P.

QNo:- 6 ,Correct Answer:- *B*

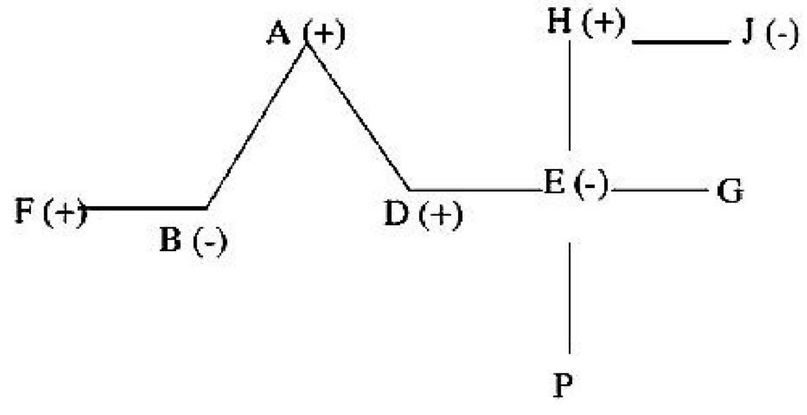


Explanation:-

F is the brother-in-law of D and D is the son of R, so F is son-in-law of R.

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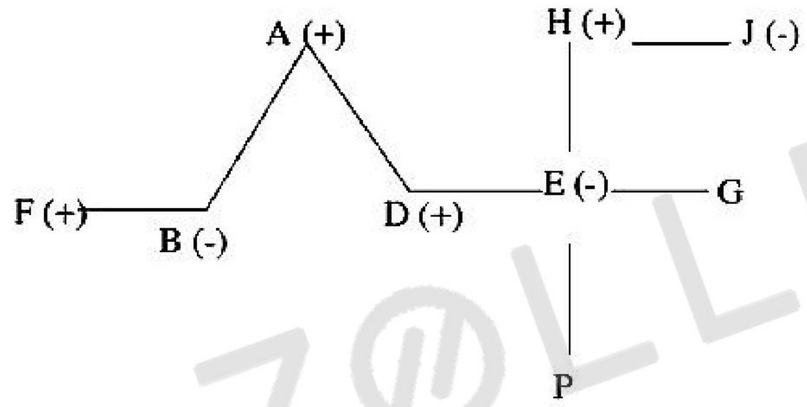
QNo:- 7 ,Correct Answer:- *E*



Explanation:-

P is either nephew or niece of G.

QNo:- 8 ,Correct Answer:- *B*



Explanation:-

E is sister in law of B.

QNo:- 9 ,Correct Answer:- *D*

Explanation:- *Question statement says say if input cost is 100 then profit should be less than 50 for company to be eligible for fuel subsidy*
Option A talks only about profit. Hence no conclusion can be drawn. Also profit has to be LESS THAN 50 to be eligible for fuel subsidy
Option B is incorrect as assuming Input costs to be 100 which is equal to Total earning (assuming Income to be 30 + profit to be 70). here rofit 70 is more than 50% of input cost 100. hence company isn't eligible for subsidy
We cannot infer C as correct on basis of information given
D is restatement of given info - if input cost is 100 then profit should be less than 50 for company to be eligible for fuel subsidy. Hence D is correct

QNo:- 10 ,Correct Answer:- *E*

Explanation:- *Argument I is weak as 25kms on land is a very short distance when covered by air transport*
Argument II assumes that the air lift service will be used only for Cardiac patients
Argument III isn't a strong argument as negative aspect of air travel-noise can be easily ignored when compared to the positive aspect- emergency service that air transport provides
Since arguments I, II and III are weak none of the options A,B,C and D are correct

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QNo:- 11 ,Correct Answer:- *D*

Explanation:- *When we combined the statements we get, P>A>S>L>Z. Now we concluded that P>Z, so conclusion I is not true. It is clear from the statement that G= K is not True. Therefore neither conclusion I nor II is true.*

QNo:- 12 ,Correct Answer:- *A*

Explanation:- *If we combine the information we get, O < S < R. Hence O < R is true. For second conclusion we have A>S>L, so L >A is not true.*
Only conclusion I is true.

QNo:- 13 ,Correct Answer:- *B*

Explanation:- *Since U≤ M, therefore in second statement J ≤ P < U ≤ M. So it is clear that J ≤ M is not true.*
Again from statement we have D ≥ S ≥ U > P. From here we have D > P is true.
So only conclusion II is true.

QNo:- 14 ,Correct Answer:- *E*

Explanation:- *From statement we have B ≥ D ≥ S ≥ U > F. We can conclude that F < B is true.*
For second conclusion the combined statement is D ≥ S ≥ U > F > V.
Therefore D > V is also true. So both conclusions are true.

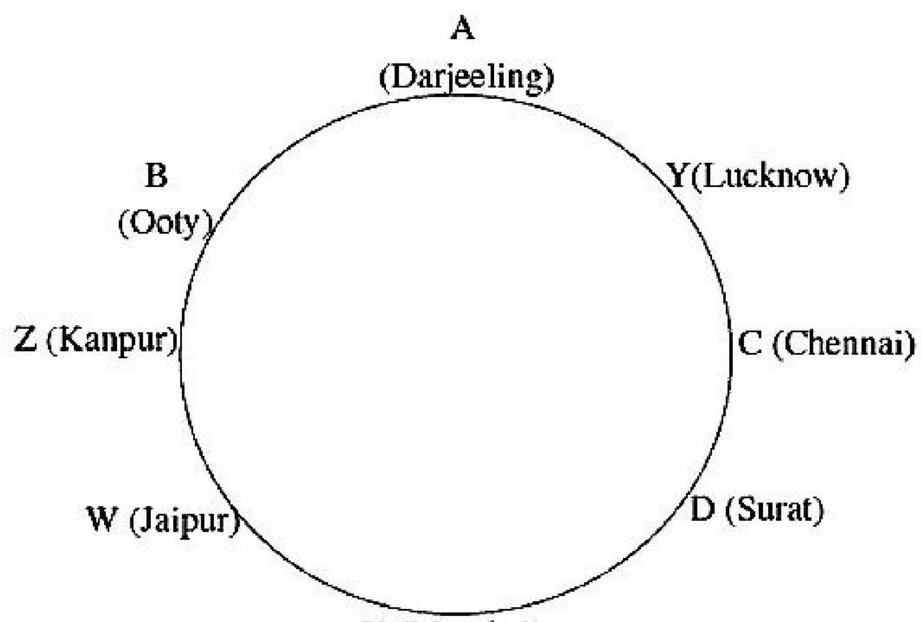
QNo:- 15 ,Correct Answer:- *C*

Explanation:- *Question is to weaken the argument that A is more efficient. Options B and E strengthen the argument instead of weakening.*
Option A is inconclusive as there isn't one factor that contributes to profit
Option C adds the factor of difficult terrain which explains why company B takes more time. Had company A working in same terrain as B it would have taken more time too. Since conditions are not same for both companies it would be incorrect to say that B is less efficient than A
Option D doesn't relate to time efficiency.

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QNo:- 16 ,Correct Answer:- *C*

From the given information we can make the following arrangement.



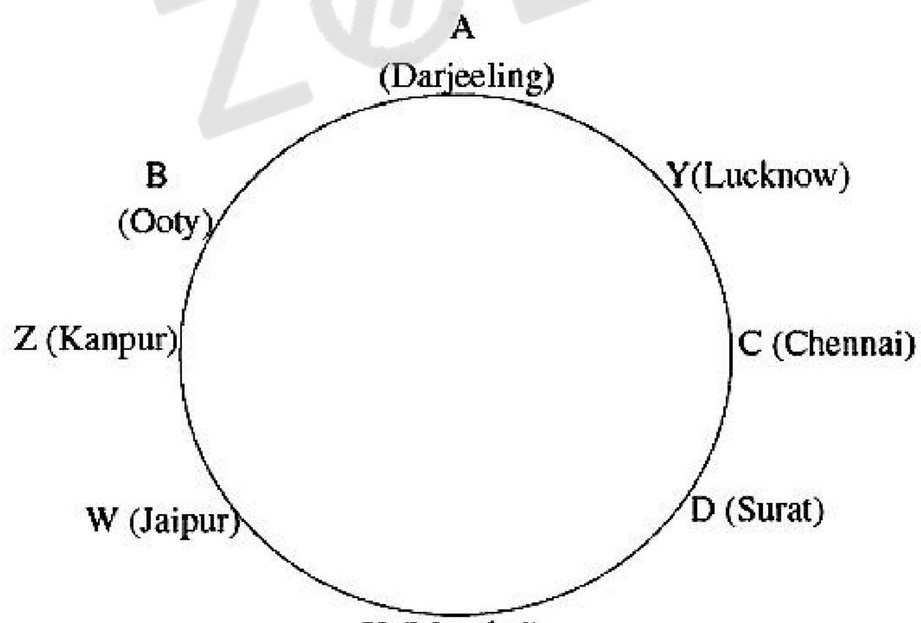
X (Mumbai)

Explanation:-

B is from Ooty and he is immediate neighbour of Z

QNo:- 17 ,Correct Answer:- *A*

From the given information we can make the following arrangement.



X (Mumbai)

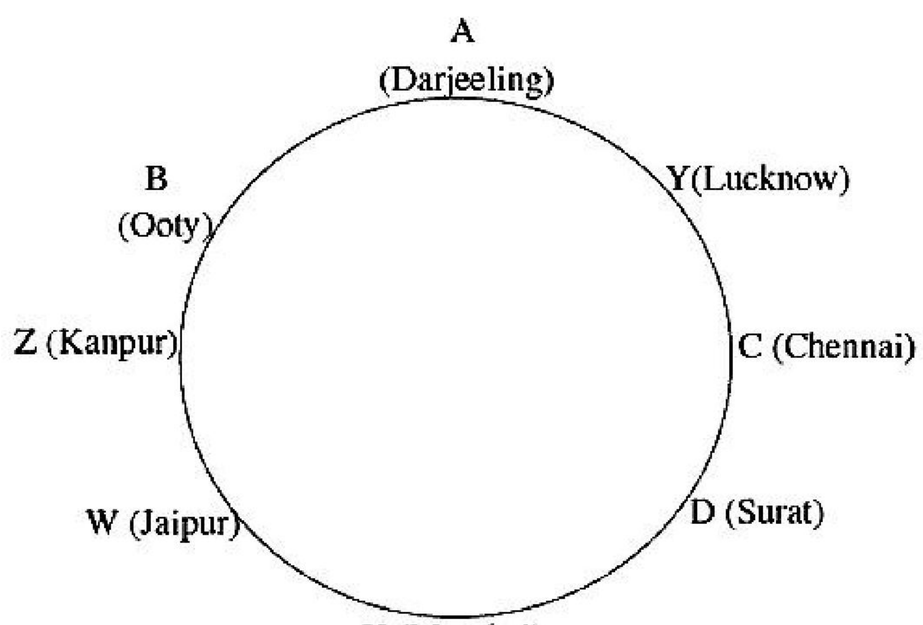
Explanation:-

C is from Chennai.

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QNo:- 18 ,Correct Answer:- *B*

From the given information we can make the following arrangement.

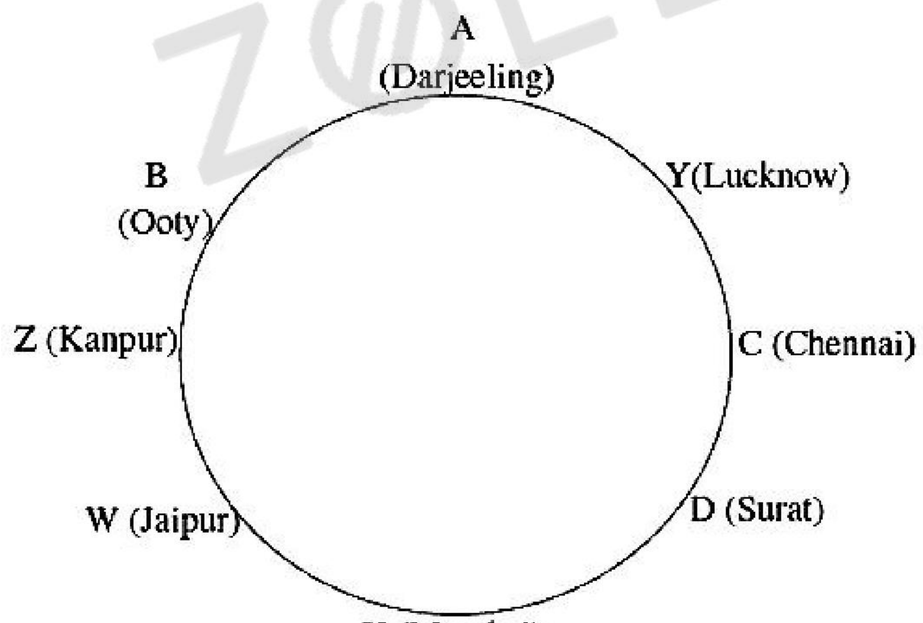


Explanation:-

Two people sit between Y and Z who is from Kanpur when counted from the left of Z.

QNo:- 19 ,Correct Answer:- *B*

From the given information we can make the following arrangement.



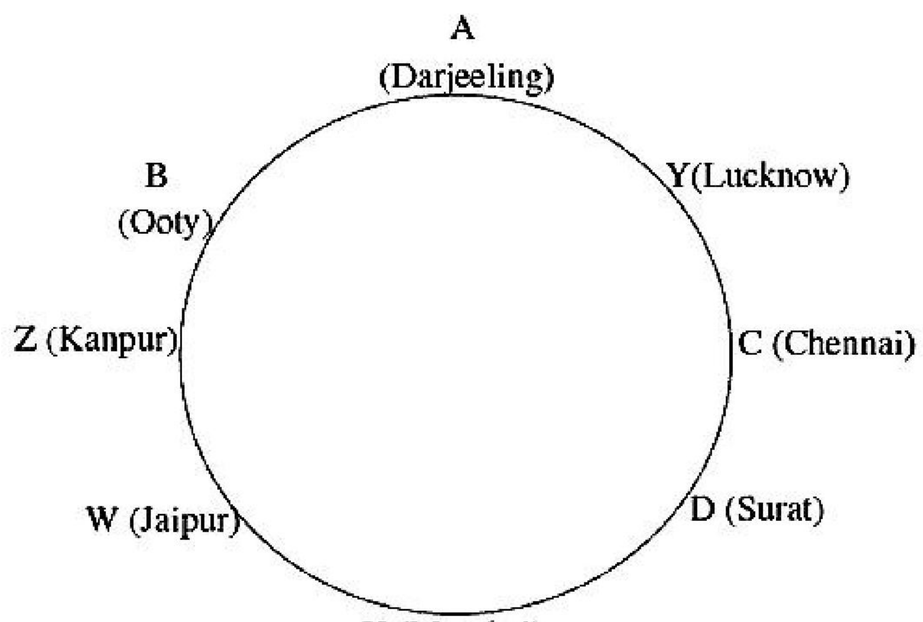
Explanation:-

Z sits third to the left of D.

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QNo:- 20 ,Correct Answer:- *D*

From the given information we can make the following arrangement.

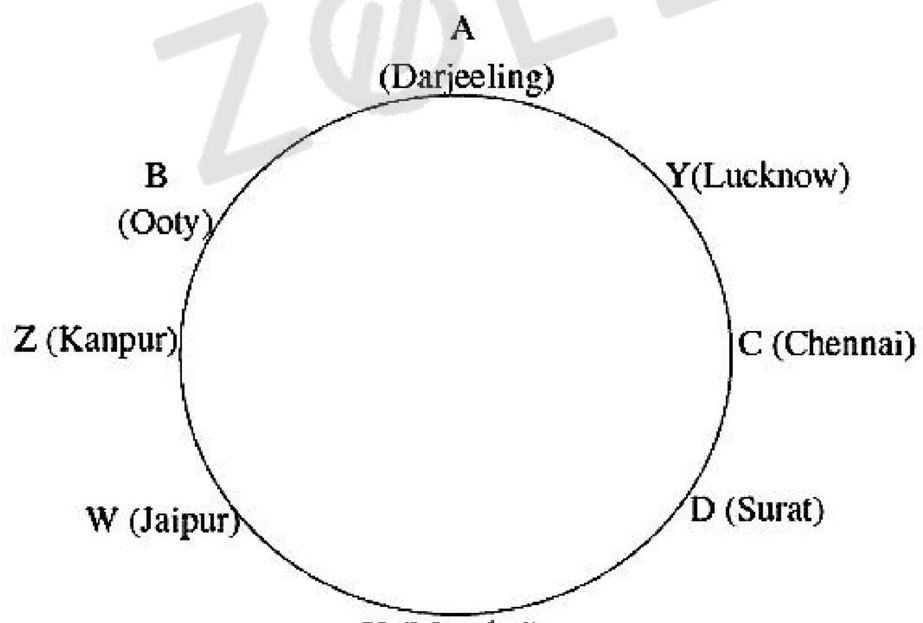


X (Mumbai)

Explanation:-
Y is from Lucknow.

QNo:- 21 ,Correct Answer:- *E*

From the given information we can make the following arrangement.



X (Mumbai)

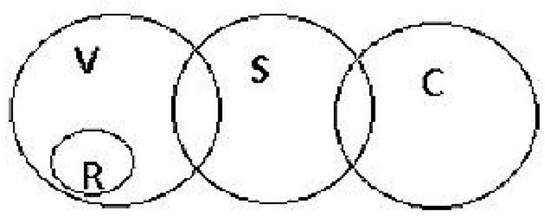
Explanation:-
Except B- D all other are sitting adjacent to each other.

QNo:- 22 ,Correct Answer:- *C*

Explanation:- *A course of action should help resolve basic issue which in this question is - text only. II will be helpful but it's still just text . It doesn't help resolve 'only text' issue. Hence an invalid Course of Action*
More pictures (as suggested in I) helps resolve 'only text' issue. hence answer is C

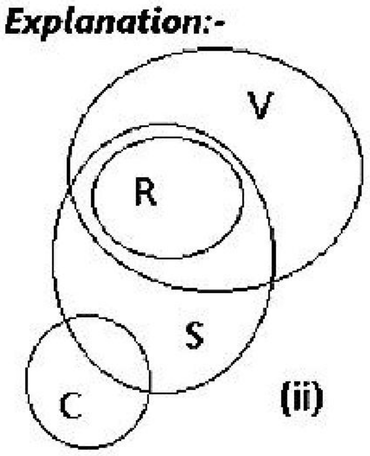
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QNo:- 23 ,Correct Answer:- B



(i)

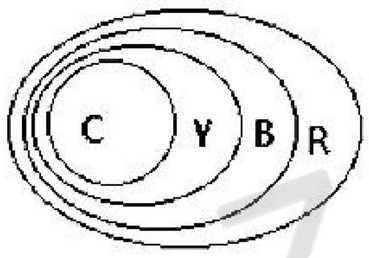
Explanation:-



(ii)

As from above diagram conclusion I is not true. According to diagram (ii) conclusion II is true.

QNo:- 24 ,Correct Answer:- D

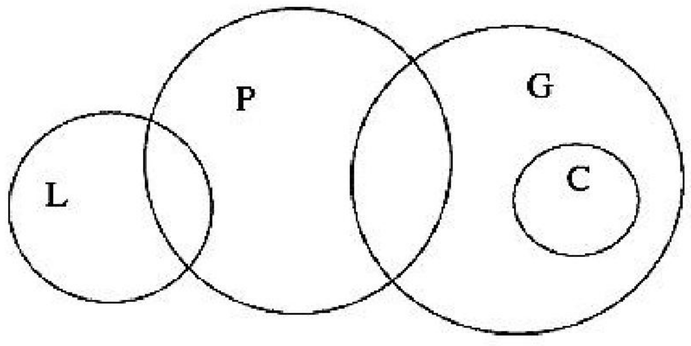


Explanation:-

At least some ropes are yaks is true. From second conclusion all cloves are bricks also true. Both conclusions are true.

QNo:- 25 ,Correct Answer:- A

From the given information we can make the following Venn diagram

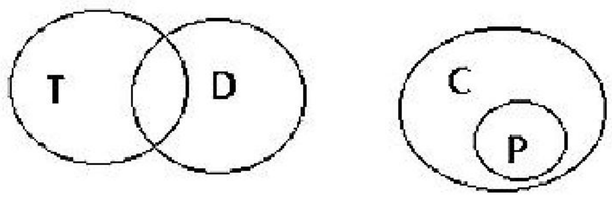


Explanation:-

Only conclusion I is true.

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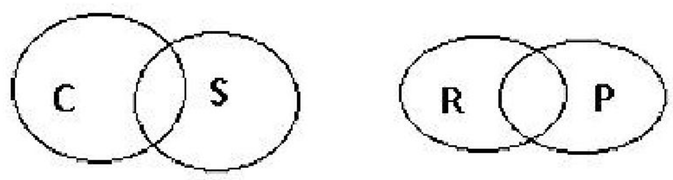
QNo:- 26 ,Correct Answer:- *E*



Explanation:-

As per diagram it is clear that all teas being coffee is not possible. Also conclusion II not clear from the diagram. So neither I nor II is true.

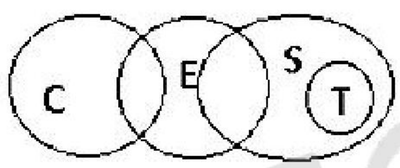
QNo:- 27 ,Correct Answer:- *A*



Explanation:-

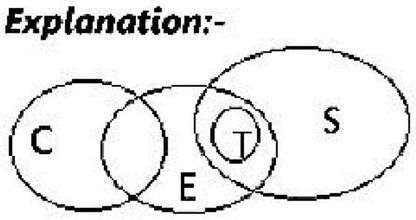
As there is no link between S and R so conclusion I is true. But conclusion II may or may not be true. Therefore only conclusion I is true.

QNo:- 28 ,Correct Answer:- *A*



(i)

Explanation:-



(ii)

From diagram (ii) conclusion I is true but in conclusion II there is no direct link so may or may not be true. Therefore only conclusion I is true.

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QNo:- 29 ,Correct Answer:- *A*

Explanation:- *The arrangement is as follows:*

Floor No.	Persons	Amount(in Rs)
7	C	4000
6	F	7000
5	A	8000
4	G	5500
3	E	16000
2	B	13500
1	D	16500

G has Rs 5500 and C has Rs 4000, so both have total Rs 9500

QNo:- 30 ,Correct Answer:- *A*

Explanation:- *The arrangement is as follows:*

Floor No.	Persons	Amount(in Rs)
7	C	4000
6	F	7000
5	A	8000
4	G	5500
3	E	16000
2	B	13500
1	D	16500

B is related to floor number 1.

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QNo:- 31 ,Correct Answer:- *A*

Explanation:- *The arrangement is as follows:*

Floor No.	Persons	Amount(in Rs)
7	C	4000
6	F	7000
5	A	8000
4	G	5500
3	E	16000
2	B	13500
1	D	16500

Only one i.e. B.

QNo:- 32 ,Correct Answer:- *A*

Explanation:- *The arrangement is as follows:*

Floor No.	Persons	Amount(in Rs)
7	C	4000
6	F	7000
5	A	8000
4	G	5500
3	E	16000
2	B	13500
1	D	16500

The one having Rs 5500.

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QNo:- 33 ,Correct Answer:- *D*

Explanation:- *The arrangement is as follows:*

Floor No.	Persons	Amount(in Rs)
7	C	4000
6	F	7000
5	A	8000
4	G	5500
3	E	16000
2	B	13500
1	D	16500

Only one i.e. D.

QNo:- 34 ,Correct Answer:- *B*

Explanation:- *The arrangement is as follows:*

Floor No.	Persons	Amount(in Rs)
7	C	4000
6	F	7000
5	A	8000
4	G	5500
3	E	16000
2	B	13500
1	D	16500

Only one i.e. C

QNo:- 35 ,Correct Answer:- *C*

Explanation:-

Day	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**	**Sun**
Event	S	R	P	V	T	Q	U
City	Kochi	Chd	Jaipur	Hyderabad	Lacknow	Gwalior	Mumbai

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QNo:- 36 ,Correct Answer:- *A*

Explanation:-

Day	Mon	Tue	Wed	Thu	Fri	Sat	Sun
Event	S	R	P	V	T	Q	U
City	Kochi	Chd	Jaipur	Hyderabad	Lacknow	Gwalior	Mumbai

QNo:- 37 ,Correct Answer:- *A*

Explanation:-

Day	Mon	Tue	Wed	Thu	Fri	Sat	Sun
Event	S	R	P	V	T	Q	U
City	Kochi	Chd	Jaipur	Hyderabad	Lacknow	Gwalior	Mumbai

Only R-Tuesday is the correct combination.

QNo:- 38 ,Correct Answer:- *C*

Explanation:-

Day	Mon	Tue	Wed	Thu	Fri	Sat	Sun
Event	S	R	P	V	T	Q	U
City	Kochi	Chd	Jaipur	Hyderabad	Lucknow	Gwalior	Mumbai

Event T held in Lucknow.

QNo:- 39 ,Correct Answer:- *B*

Explanation:-

Day	Mon	Tue	Wed	Thu	Fri	Sat	Sun
Event	S	R	P	V	T	Q	U
City	Kochi	Chd	Jaipur	Hyderabad	Lacknow	Gwalior	Mumbai

Four events were held before the event held in Lucknow.

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QNo:- 40 ,Correct Answer:- C

Explanation:- *By observing the given four statements, we can decode the logic as*

- *The first element in the given code word is the last letter in the word.*
- *The second element in the given code is the number obtained by subtracting 1 from the number of letters in the word.*
- *The third element in the given code word is the first letter in the word.*

For example,
Consider the word 'CLEVER'.
The last letter of the word is 'R'.
=> The first element of the code should be 'R'.
The first letter of the word is 'C'.
=> The last element of the code should be 'C'.
The number of letters in the word is 6.
=> The middle element of the code should be =6 – 1 = 5.
Thus, the word 'CLEVER' is coded as 'R5C'.

So, EGO is coded as 'O2E'.

QNo:- 41 ,Correct Answer:- C

Explanation:- *By observing the given four statements, we can decode the logic as*

- *The first element in the given code word is the last letter in the word.*
- *The second element in the given code is the number obtained by subtracting 1 from the number of letters in the word.*
- *The third element in the given code word is the first letter in the word.*

For example,
Consider the word 'CLEVER'.
The last letter of the word is 'R'.
=> The first element of the code should be 'R'.
The first letter of the word is 'C'.
=> The last element of the code should be 'C'.
The number of letters in the word is 6.
=> The middle element of the code should be =6 – 1 = 5.
Thus, the word 'CLEVER' is coded as 'R5C'.
So, ACHIEVE is coded as 'E6A'.

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QNo:- 42 ,Correct Answer:- *A*

Explanation:- *By observing the given four statements, we can decode the logic as*

The first element in the given code word is the last letter in the word.
The second element in the given code is the number obtained by subtracting 1 from the number of letters in the word.
The third element in the given code word is the first letter in the word.
For example,

Consider the word 'CLEVER'.
The last letter of the word is 'R'.
=> The first element of the code should be 'R'.
The first letter of the word is 'C'.
=> The last element of the code should be 'C'.
The number of letters in the word is 6.
=> The middle element of the code should be =6 – 1 = 5.
Thus, the word 'CLEVER' is coded as 'R5C'.
So, the word 'KNOWLEDGE' is coded as 'E8K'.

QNo:- 43 ,Correct Answer:- *B*

Explanation:- *By observing the given four statements, we can decode the logic as*

The first element in the given code word is the last letter in the word.
The second element in the given code is the number obtained by subtracting 1 from the number of letters in the word.
The third element in the given code word is the first letter in the word.
For example,

Consider the word 'CLEVER'.
The last letter of the word is 'R'.
=> The first element of the code should be 'R'.
The first letter of the word is 'C'.
=> The last element of the code should be 'C'.
The number of letters in the word is 6.
=> The middle element of the code should be =6 – 1 = 5.
Thus, the word 'CLEVER' is coded as 'R5C'.
So, GREAT is coded as 'T4G'.

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QNo:- 44 ,Correct Answer:- C

Explanation:- *By observing the given four statements, we can decode the logic as*

The first element in the given code word is the last letter in the word.
The second element in the given code is the number obtained by subtracting 1 from the number of letters in the word.
The third element in the given code word is the first letter in the word.
For example,

Consider the word 'CLEVER'.
The last letter of the word is 'R'.
=> The first element of the code should be 'R'.
The first letter of the word is 'C'.
=> The last element of the code should be 'C'.
The number of letters in the word is 6.
=> The middle element of the code should be =6 – 1 = 5.

Thus, the word 'CLEVER' is coded as 'R5C'.
So, BESIDE is coded as 'E5B'.

QNo:- 45 ,Correct Answer:- D

Explanation:- *As S > Q ≥ R < P so no relation can be found between P and S. Hence P > S is false.*

QNo:- 46 ,Correct Answer:- D

Explanation:-
Being unaware of something and ignoring it too are not possible at the same time. You need to be aware of soemthing before you ignore it. Hence answer is D

QNo:- 47 ,Correct Answer:- C

Explanation:- *The arrangement of the given statement is as follows:*
E < B < A < C < F < D
(Red) (Orange) (Green) (Blue) (Yellow) (Pink)

Since the length of pink rope is more than F, so it should be more than 198 cm. Among the given options it can only be 202 cm.

QNo:- 48 ,Correct Answer:- D

Explanation:- *The arrangement of the given statement is as follows:*
E < B < A < C < F < D
(Red) (Orange) (Green) (Blue) (Yellow) (Pink)

Green

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QNo:- 49 ,Correct Answer:- *B*

Explanation:- *The arrangement of the given statement is as follows:*
E < B < A < C < F < D
(Red) (Orange) (Green) (Blue) (Yellow) (Pink)

C

QNo:- 50 ,Correct Answer:- *D*

Explanation:- *The arrangement of the given statement is as follows:*
E < B < A < C < F < D
(Red) (Orange) (Green) (Blue) (Yellow) (Pink)

Only A and B

QNo:- 51 ,Correct Answer:- *A*

Explanation:- *The arrangement of the given statement is as follows:*
E < B < A < C < F < D
(Red) (Orange) (Green) (Blue) (Yellow) (Pink)

Yellow coloured rope.

QNo:- 52 ,Correct Answer:- *A*

Explanation:- *Statement of mayor is based on the impossibility of bridge being restored within a week but since army can do it in 2 days; option A weakens the mayor's argument*
B is incorrect because relief is still needed. One place needs it more than the other doesn't mean other shouldn't be provided relief
C proves mayor correct as rail transport will take a year to set up
E is incorrect as Relief being vital makes cost of providing relief secondary

QNo:- 53 ,Correct Answer:- *B*

Explanation:- *Statement A can be inferred as Question statement too talks about majority like statement A*
Statement C can also be inferred as it explains why people postponed instead of cancelling plans of shifting to country A
People would have cancelled instead of postponing had they preferred any other country so D too can be inferred
B cannot be inferred as a person needs only one city to be acceptable to him to migrate. ALL cities being acceptable isn't necessary.

QNo:- 54 ,Correct Answer:- *C*

Explanation:- *As B ≥ A ≥ T > K. So K< B.*

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QNo:- 55 ,Correct Answer:- *C*

Explanation:-

Month	Jan		March		April		July		Sep	
Date	**7**	**21**	**7**	**21**	**7**	**21**	**7**	**21**	**7**	**21**
Person	F	D	G	B	H	I	A	C	J	E
Activity	Sci	Paint	Swim	Debate	Essay	Extempore	Acting	Relay	Singing	Dance

Two people participated in a competition between G and the one who participated in extempore.

QNo:- 56 ,Correct Answer:- *B*

Explanation:-

Month	Jan		March		April		July		Sep	
Date	**7**	**21**	**7**	**21**	**7**	**21**	**7**	**21**	**7**	**21**
Person	F	D	G	B	H	I	A	C	J	E
Activity	Sci	Paint	Swim	Debate	Essay	Extempore	Acting	Relay	Singing	Dance

Debate is related to G in the same pattern.

QNo:- 57 ,Correct Answer:- *D*

Explanation:-

Month	Jan		March		April		July		Sep	
Date	**7**	**21**	**7**	**21**	**7**	**21**	**7**	**21**	**7**	**21**
Person	F	D	G	B	H	I	A	C	J	E
Activity	Sci	Paint	Swim	Debate	Essay	Extempore	Acting	Relay	Singing	Dance

Acting competition held on 7th July

QNo:- 58 ,Correct Answer:- *C*

Explanation:-

Month	Jan		March		April		July		Sep	
Date	**7**	**21**	**7**	**21**	**7**	**21**	**7**	**21**	**7**	**21**
Person	F	D	G	B	H	I	A	C	J	E
Activity	Sci	Paint	Swim	Debate	Essay	Extempore	Acting	Relay	Singing	Dance

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QNo:- 59 ,Correct Answer:- *C*

Explanation:-

Month	Jan		March		April		July		Sep	
Date	**7**	**21**	**7**	**21**	**7**	**21**	**7**	**21**	**7**	**21**
Person	F	D	G	B	H	I	A	C	J	E
Activity	Sci	Paint	Swim	Debate	Essay	Extempore	Acting	Relay	Singing	Dance

J participate in singing

QNo:- 60 ,Correct Answer:- *A*

Explanation:-

Month	Jan		March		April		July		Sep	
Date	**7**	**21**	**7**	**21**	**7**	**21**	**7**	**21**	**7**	**21**
Person	F	D	G	B	H	I	A	C	J	E
Activity	Sci	Paint	Swim	Debate	Essay	Extempore	Acting	Relay	Singing	Dance

QNo:- 61 ,Correct Answer:- *D*

Explanation:- *By observing the given input and the output we can say that, first the words are arranged in reverse alphabetical order and the numbers are arranged in descending order. From one step to the next step, two operations take place. The word which comes first in the alphabetical order and the highest number are shifted to the either ends. The word is shifted to the left end and the numbers are shifted to the right end. This process is continued. Then the number of alphabets in each word is written until the final output is obtained.*

Input: temple lend 19 73 chant 25 90 69 umbrella oil 75 deep 51 nest
Step I: chant temple lend 19 73 25 69 umbrella oil 75 deep 51 nest 90
Step II: deep chant temple lend 19 73 25 69 umbrella oil 51 nest 90 75
Step III: lend deep chant temple 19 25 69 umbrella oil 51 nest 90 75 73
Step IV: nest lend deep chant temple 19 25 umbrella oil 51 90 75 73 69
Step V: oil nest lend deep chant temple 19 25 umbrella 90 75 73 69 51
Step VI: temple oil nest lend deep chant 19 umbrella 90 75 73 69 51 25
Step VII : umbrella temple oil nest lend deep chant 90 75 73 69 51 25 19
Step VIII : 8 6 3 4 4 4 5 90 75 73 69 51 25 19
Step VIII is the last step and the output.
Chant will be sixth from left in step VI.

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QNo:- 62 ,Correct Answer:- *B*

Explanation:-
By observing the given input and the output we can say that, first the words are arranged in reverse alphabetical order and the numbers are arranged in descending order. From one step to the next step, two operations take place. The word which comes first in the alphabetical order and the highest number are shifted to the either ends. The word is shifted to the left end and the numbers are shifted to the right end. This process is continued. Then the number of alphabets in each word is written until the final output is obtained.

Input: temple lend 19 73 chant 25 90 69 umbrella oil 75 deep 51 nest
Step I: chant temple lend 19 73 25 69 umbrella oil 75 deep 51 nest 90
Step II: deep chant temple lend 19 73 25 69 umbrella oil 51 nest 90 75
Step III: lend deep chant temple 19 25 69 umbrella oil 51 nest 90 75 73
Step IV: nest lend deep chant temple 19 25 umbrella oil 51 90 75 73 69
Step V: oil nest lend deep chant temple 19 25 umbrella 90 75 73 69 51
Step VI: temple oil nest lend deep chant 19 umbrella 90 75 73 69 51 25
Step VII : umbrella temple oil nest lend deep chant 90 75 73 69 51 25 19
Step VIII : 8 6 3 4 4 4 5 90 75 73 69 51 25 19
Step VIII is the last step and the output.

QNo:- 63 ,Correct Answer:- *B*

Explanation:- *By observing the given input and the output we can say that, first the words are arranged in reverse alphabetical order and the numbers are arranged in descending order. From one step to the next step, two operations take place. The word which comes first in the alphabetical order and the highest number are shifted to the either ends. The word is shifted to the left end and the numbers are shifted to the right end. This process is continued. Then the number of alphabets in each word is written until the final output is obtained.*
Input: temple lend 19 73 chant 25 90 69 umbrella oil 75 deep 51 nest
Step I: chant temple lend 19 73 25 69 umbrella oil 75 deep 51 nest 90
Step II: deep chant temple lend 19 73 25 69 umbrella oil 51 nest 90 75
Step III: lend deep chant temple 19 25 69 umbrella oil 51 nest 90 75 73
Step IV: nest lend deep chant temple 19 25 umbrella oil 51 90 75 73 69
Step V: oil nest lend deep chant temple 19 25 umbrella 90 75 73 69 51
Step VI: temple oil nest lend deep chant 19 umbrella 90 75 73 69 51 25
Step VII : umbrella temple oil nest lend deep chant 90 75 73 69 51 25 19
Step VIII : 8 6 3 4 4 4 5 90 75 73 69 51 25 19
Step VIII is the last step and the output.
There are 9 elements between lend and 75 in step IV.

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QNo:- 64 ,Correct Answer:- *E*

Explanation:- *By observing the given input and the output we can say that, first the words are arranged in reverse alphabetical order and the numbers are arranged in descending order. From one step to the next step, two operations take place. The word which comes first in the alphabetical order and the highest number are shifted to the either ends. The word is shifted to the left end and the numbers are shifted to the right end. This process is continued. Then the number of alphabets in each word is written until the final output is obtained.*
Input: temple lend 19 73 chant 25 90 69 umbrella oil 75 deep 51 nest
Step I: chant temple lend 19 73 25 69 umbrella oil 75 deep 51 nest 90
Step II: deep chant temple lend 19 73 25 69 umbrella oil 51 nest 90 75
Step III: lend deep chant temple 19 25 69 umbrella oil 51 nest 90 75 73
Step IV: nest lend deep chant temple 19 25 umbrella oil 51 90 75 73 69
Step V: oil nest lend deep chant temple 19 25 umbrella 90 75 73 69 51
Step VI: temple oil nest lend deep chant 19 umbrella 90 75 73 69 51 25
Step VII : umbrella temple oil nest lend deep chant 90 75 73 69 51 25 19
Step VIII : 8 6 3 4 4 4 5 90 75 73 69 51 25 19
Step VIII is the last step and the output.

There is no such steps as temple oil nest lend chant deep 19 umbrella 75 90 73 69 51 25.

QNo:- 65 ,Correct Answer:- *A*

Explanation:-
By observing the given input and the output we can say that, first the words are arranged in reverse alphabetical order and the numbers are arranged in descending order. From one step to the next step, two operations take place. The word which comes first in the alphabetical order and the highest number are shifted to the either ends. The word is shifted to the left end and the numbers are shifted to the right end. This process is continued. Then the number of alphabets in each word is written until the final output is obtained.

Input: temple lend 19 73 chant 25 90 69 umbrella oil 75 deep 51 nest
Step I: chant temple lend 19 73 25 69 umbrella oil 75 deep 51 nest 90
Step II: deep chant temple lend 19 73 25 69 umbrella oil 51 nest 90 75
Step III: lend deep chant temple 19 25 69 umbrella oil 51 nest 90 75 73
Step IV: nest lend deep chant temple 19 25 umbrella oil 51 90 75 73 69
Step V: oil nest lend deep chant temple 19 25 umbrella 90 75 73 69 51
Step VI: temple oil nest lend deep chant 19 umbrella 90 75 73 69 51 25
Step VII : umbrella temple oil nest lend deep chant 90 75 73 69 51 25 19
Step VIII : 8 6 3 4 4 4 5 90 75 73 69 51 25 19
Step VIII is the last step and the output.

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QNo:- 66 ,Correct Answer:- *E*

Explanation:-

By observing the given input and the output we can say that, first the words are arranged in reverse alphabetical order and the numbers are arranged in descending order. From one step to the next step, two operations take place. The word which comes first in the alphabetical order and the highest number are shifted to the either ends. The word is shifted to the left end and the numbers are shifted to the right end. This process is continued. Then the number of alphabets in each word is written until the final output is obtained.

Input: temple lend 19 73 chant 25 90 69 umbrella oil 75 deep 51 nest
Step I: chant temple lend 19 73 25 69 umbrella oil 75 deep 51 nest 90
Step II: deep chant temple lend 19 73 25 69 umbrella oil 51 nest 90 75
Step III: lend deep chant temple 19 25 69 umbrella oil 51 nest 90 75 73
Step IV: nest lend deep chant temple 19 25 umbrella oil 51 90 75 73 69
Step V: oil nest lend deep chant temple 19 25 umbrella 90 75 73 69 51
Step VI: temple oil nest lend deep chant 19 umbrella 90 75 73 69 51 25
Step VII : umbrella temple oil nest lend deep chant 90 75 73 69 51 25 19
Step VIII : 8 6 3 4 4 4 5 90 75 73 69 51 25 19
Step VIII is the last step and the output.
90 appears exactly between '73' and '25' in step V.

QNo:- 67 ,Correct Answer:- *A*

Explanation:-

Statement A clearly states that people don't buy from malls but just try.
Statement B states that people just use malls as a meeting place.
Hence both the statements weaken the information given. Therefore option A is correct.

QNo:- 68 ,Correct Answer:- *E*

Explanation:- *Statement A weakens as the pesticide might kill the algae but will prove counter-productive as it will kill other plants too leading to severe oxygen deprivation which will negatively impact all animal species including possibly Bena fish*
Statement B is neutral as Covering a distance of 540 kms is acceptable if it helps save a species.
Hence option E is correct.

QNo:- 69 ,Correct Answer:- *C*

Explanation:- *Other unit too would have been demarcated for relocation had they been polluting. Also making modifications at current place might not help. So both can be concluded; therefore option C*

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QNo:- 70 ,Correct Answer:- *D*

Explanation:-

No of letters in name	Lima -4 arun -4 charlie - 7	kalyani - 7 Monu -4 Geeta - 5
Floor	**Name**	**Liking**
6	Charlie	golden
5	monu	mango
4	kalyani	red
3	arun	kiwi
2	geeta	blue
1	lima	fig

If all the people are made to stand in alphabetical order of their name from top to bottom then no one remains unchanged their position.

QNo:- 71 ,Correct Answer:- *D*

Explanation:-

No of letters in name	Lima -4 arun -4 charlie - 7	kalyani - 7 Monu -4 Geeta - 5
Floor	**Name**	**Liking**
6	Charlie	golden
5	monu	mango
4	kalyani	red
3	arun	kiwi
2	geeta	blue
1	lima	fig

Kalyani like red.

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QNo:- 72 ,Correct Answer:- *E*

Explanation:-

No of letters in name	Lima -4 arun -4 charlie - 7	kalyani - 7 Monu -4 Geeta - 5
Floor	**Name**	**Liking**
6	Charlie	golden
5	monu	mango
4	kalyani	red
3	arun	kiwi
2	geeta	blue
1	lima	fig

There is one person between the one who likes Red and Charlie. Likewise second person after Kalyani is the one who like blue.

QNo:- 73 ,Correct Answer:- *C*

Explanation:-

No of letters in name	Lima -4 arun -4 charlie - 7	kalyani - 7 Monu -4 Geeta - 5
Floor	**Name**	**Liking**
6	Charlie	golden
5	monu	mango
4	kalyani	red
3	arun	kiwi
2	geeta	blue
1	lima	fig

Arun likes kiwi.

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QNo:- 74 ,Correct Answer:- *D*

Explanation:-

No of letters in name	Lima -4 arun -4 charlie - 7	kalyani - 7 Monu -4 Geeta - 5
Floor	**Name**	**Liking**
6	Charlie	golden
5	monu	mango
4	kalyani	red
3	arun	kiwi
2	geeta	blue
1	lima	fig

Geeta stands on one of the stairs above Lima

QNo:- 75 ,Correct Answer:- *E*

Explanation:-

No of letters in name	Lima -4 arun -4 charlie - 7	kalyani - 7 Monu -4 Geeta - 5
Floor	**Name**	**Liking**
6	Charlie	golden
5	monu	mango
4	kalyani	red
3	arun	kiwi
2	geeta	blue
1	lima	fig

All are at even places except Arun.

QNo:- 76 ,Correct Answer:- *D*

Explanation:- *Figure is moving clockwise with addition of half leaves. So it should be option D.*

QNo:- 77 ,Correct Answer:- *C*

Explanation:- *First squared arrow reverses direction and then other two interchange and reverse their directions, this logic continues with other two arrows.Hence option 3 is the answer.*

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QNo:- 78 ,Correct Answer:- *C*

Explanation:- *On following the pattern*

QNo:- 79 ,Correct Answer:- *D*

Explanation:-
From 1st to 2nd block, the star and the solid box move one step forward clockwise
Similarly, from 2nd to 3rd block, again the star and the solid box move one step forward clockwise and so on
So by this arrangement, we can eliminate 1st, 3rd and 5th options
Again, from 1st to 2nd block, the 'z' moves to its opposite direction
From 2nd to 3rd block, the 'z' comes to the center
From 3rd to 4th block, the 'z' comes downwards and from 4th to 5th block, it again moves to its opposite direction
Thus, in sixth block, the 'z' should be in the center
Therefore, only option 4 satisfies the above conditions

QNo:- 80 ,Correct Answer:- *E*

Explanation:- *These pictures are in sets of 3. So first 3 are conencted and next 3 will be connected. From picture 1 to 2, each symbol moves half a side anti clockwise and a new symbol is added. From picture 2 to 3, each symbol moves 1 side anti clockwise and new symbol is added. On following pattern, it will be option E.*

QNo:- 81 ,Correct Answer:- *E*

Explanation:- *Notice the arrow. You will notice reflection along horizontal axis and a shift of hald a side to the right. This shift happens from figure 1 to 2 , 3 to 4 and same will happen from 5 to 6.*

Now, notice the other symbol, it moves from corners to middle of the square and vice versa and also you will notice reflection around horizontal axis.
So option E.

QNo:- 82 ,Correct Answer:- *D*

Explanation:- *Notice the black arrow. It remains in same direction in 1st three figures and changes from top to bottom to middle. Same will repeat in next 3 figures.*

Notice the other symbol that has a small vertical line at the end. In each figure it reflects along vertical axis and moves 1 position like the arrow from middle to top to bottom etc. So it will have the small line towards the left in the answer.

So option D.

QNo:- 83 ,Correct Answer:- *A*

Explanation:-

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QNo:- 84 ,Correct Answer:- *A*

Explanation:- *From figure 1 to 2, cross moves half side anti clockwise and new symbol is added. Same happens to triangle in figure 3 to 4. So option A.*

QNo:- 85 ,Correct Answer:- *C*

Explanation:- *From figure 1 to 2, a line is added. Similarly from figure 3 to 4, line is added at the bottom. Same follows from figure 5 to answer. So option C.*

QNo:- 86 ,Correct Answer:- *E*

Explanation:-
Studying the movement of symbol (Z), it should be placed in the lower right hand corner. Now, looking for (STAR), it should be placed in the third position from right on the lower line. This leaves only option 5 with us. Now, also checking the movement of (TRIANGLE), it should be at the upper right hand corner. Hence answer is option 5.

QNo:- 87 ,Correct Answer:- *A*

Explanation:-
Character C interchange its position in every alternate figure . Hence It should be at lower left corner in the next figure. Now we are left with options 1 & 2 only out of which option 2 has Square in the same position as in problem figure 5 which cannot be the answer as in no two consecutive figures any symbol remains at the same position. So the only option left is option 1.

QNo:- 88 ,Correct Answer:- *A*

Explanation:-

QNo:- 89 ,Correct Answer:- *E*

Explanation:- *Simply the symbol is rotating and moving places such that figure 1 and 5 are same. So figure 2 and 6 would also be same. Hence option E.*

QNo:- 90 ,Correct Answer:- *B*

Explanation:- *Figure is rotating anticlockwise with addition of small half line and full long line in alternate figures. So option B.*

QNo:- 91 ,Correct Answer:- *E*

Explanation:- *Problem figure A has 3 symbols, 1 arc, 2 arcs, 3 arcs. Symbol with 1 arc has moved 1 side anticlock and remained same. Symbol with 2 arcs has moved 1 side anticlock with lower arc being reversed. Symbol with 3 arcs also moves 1 side anticlock with top and bottom arcs reversed. So option E.*

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QNo:- 92 ,Correct Answer:- *A*

Explanation:- *1^{st},3^{rd} ,4^{th} horizontal rays are mirror images and 2^{nd} one is rotated at 180°. So option A.*

QNo:- 93 ,Correct Answer:- *A*

Explanation:-
From 1st to 2nd block, the no of black colored leaves are same i.e. 2 but with a gap of 1 leaf in between them
From 2nd to 3rd block, the no of black colored leaves increase by 1 but with a gap of 2 leaves in between them
From 3rd to 4th block, the no of black colored leaves are same i.e. 3 but with a gap of 3 leaves in between them
From 4th to 5th block, the no of black colored leaves increase by 1 but with a gap of 4 leaves in between them
So, from 5th to 6th block, the no of black colored leaves should be 4 and with a gap of 5 leaves in between them
Thus, option 1 satisfies the above condition

QNo:- 94 ,Correct Answer:- *B*

Explanation:- *Notice the arrow. It moves 1.5 side clockwise and also rotates 90 degrees. Same will happen with triangle in the answer. Also notice the T at the bottom left. It moves half side anticlock and also rotates 90 degrees. So it should be option B.*

QNo:- 95 ,Correct Answer:- *C*

Explanation:- *Notice carefully that only top and bottom arcs are reversed. Apply same logic, so option C.*

QNo:- 96 ,Correct Answer:- *B*

Explanation:- *The top figure is rotated 90 degrees and relfected along vertical axis. The bottom figure is simply rotated 90 degrees. Only figures in option B show this relation.*

QNo:- 97 ,Correct Answer:- *D*

Explanation:- *Figures are Rotating 90° clockwise and interchanging positions and also the end from which they are connected. Triangle is connected by bottom side initially and vertex after rotation. So option D.*

QNo:- 98 ,Correct Answer:- *C*

Explanation:- *All arrows are rotating 90° anticlockwise and bottom moves to middle, middle moves to top and top moves to bottom. So option C.*

QNo:- 99 ,Correct Answer:- *E*

Explanation:- *Top 2 symbols interchange and bottom 2 symbols interchange and the last symbol at the bottom is replaced by a new symbol. So option E.*

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QNo:- 100 ,Correct Answer:- *A*

Explanation:- *Cut the figure vertically and reverse the shaded portion in the right half of the resulting halves. So option A.*

QNo:- 101 ,Correct Answer:- *B*

Explanation:- *Second sentence would be C*
BC will come together as both these talk about affirmative action. Also order can't be CB as B begins with 'for example' in case which isn't an example of "both share same importance" in C
Also DAE will come in sequence,. 'this' in A refers to being 'turned away' in D. Also, 'such a consequence' in E refers to 'a case against the company' in A
so the order can be BCDAE or DAEBC but B can't follow E as B begins with example. hence Order is BCDAE

QNo:- 102 ,Correct Answer:- *E*

Explanation:- *All except E change positions after rearrangement. Therefore option E is answer as 4 out of 5 sentences change original positions.*

QNo:- 103 ,Correct Answer:- *C*

Explanation:- *The given sentence will follow E. 'It' in the given sentence refers to 'files a case' in E.*

QNo:- 104 ,Correct Answer:- *A*

Explanation:-
Discriminated is the only word which fits considering the meaning E favour could have been used as it's used in sentence B but then 'favoured' is needed , not 'favour'

QNo:- 105 ,Correct Answer:- *D*

Explanation:-
fourth sentence would be A

QNo:- 106 ,Correct Answer:- *A*

Explanation:-
*For sentence A,correct usage is "Change **OF** guard". It has its origin in a ceremony during which the soldiers or other officials guarding a major government building or state residence are replaced by a new shift.*
Sentence B is correct "Not for all the tea in China" means Not at any price
In sentece C, cut to the chase means come to the point directly and not to waste time with things that are not important.

QNo:- 107 ,Correct Answer:- *C*

Explanation:- *At sixes and sevens means in a state of total confusion. Hence its usage in B is incorrect because the response was logical*

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QNo:- 108 ,Correct Answer:- *A*

Explanation:-
A-F, B-E, C-D when paired form sentences but A-F is the only logically and grammatically correct sentence
B-E is incorrect as 'travellers' should be followed by 'were' In the blizzard, many highway travellers WERE searching for a haven from the freezing wind
C-D is incorrect as 'fire' should have been used instead of 'the fire' as fire has been used in general sense. Eg - The garage was destroyed by fire (not the fire)
Also 'travel' should have been used instead of 'car to "travelS" at high speed' as with to we use plural form of verb. Hence answer is option A.

QNo:- 109 ,Correct Answer:- *C*

Explanation:- *C-E is incorrect as we don't use 'of' with 'despite.' Hence, options A and E are incorrect*
C-F and B-F are logically incorrect hence options B and D too are incorrect
Only option left is C

QNo:- 110 ,Correct Answer:- *D*

Explanation:- *Options A,C and E are logically incorrect*
In options B and D, A-F is common. C-E is incorrect as 'were' should have been used instead of 'was'. Hence answer is option D.

QNo:- 111 ,Correct Answer:- *C*

Explanation:- *C-F, C-D, A-D and B-F are logically incorrect. Hence options A,D,E are incorrect.*
B-D is grammatically incorrect as instead of 'request information of it', 'request information from it' should have been used

QNo:- 112 ,Correct Answer:- *A*

Explanation:- *Sentences in Options B,C,D,E are logically incorrect.*

QNo:- 113 ,Correct Answer:- *D*

Explanation:- *Option D is correct as 'In certain parts' is best placed at the beginning of the sentence as it talks about/modifies the rest of the sentence 'Average annual rainfall can drop to a milimetre or two a year'*
Option E is incorrect as instead of 'fell' , 'fall' should have been used

QNo:- 114 ,Correct Answer:- *C*

Explanation:- *E is incorrect as using singular* ***that's*** *with plural 'changes' is incorrect*
D is incorrect as using substantially enough instead of 'substantial enough' changes the meaning from 'important enough' to 'importantly enough' which is incorrect
B conveys an awkward meaning and also incorrectly uses 'causes' instead of cause
Since E/D/B are incorrect, A is also incorrect
C conveys the correct meaning in a grammatically correct form

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QNo:- 115 ,Correct Answer:- *C*

Explanation:- ***Sentence A incorrectly*** *uses 'whereas' and 'and though' together in a sentence creating ambiguity in meaning*
Sentence B is incorrect *as it places 'in February' incorrectly with first sentence making the generic statement specific*
Sentence C incorrectly *uses 'whereas', ' though' and 'inspite of' together in a sentence creating ambiguity in meaning*
Therefore, C is correct.

QNo:- 116 ,Correct Answer:- *E*

Explanation:- *Sentence A brings out the contrast effectively 'even though agricultural statistics can be unreliable but the reduction in rwanda's poverty backs the statistics'.*
Use of 'since' in B changes the meaning incorrectly
Despite is incorrectly placed in C
Hence option E is the answer.

QNo:- 117 ,Correct Answer:- *C*

Explanation:- *Would lead' should have been used instead of 'would led' as 'wondering' in the sentence indicates we are talking about future which is best indicated by 'would lead to'*

QNo:- 118 ,Correct Answer:- *C*

Explanation:- *She is singular hence singular verb 'loses' should be used instead of plural 'lose'*

QNo:- 119 ,Correct Answer:- *D*

Explanation:- *with 'to' we use the base form of the verb. Hence using 'overcoming'(-ing form of verb) here is incorrect. 'to overcome' should have been used instead of 'to overcoming'*

QNo:- 120 ,Correct Answer:- *C*

Explanation:- *instead of 'him developing', ' him to develop' would be correct usage*

QNo:- 121 ,Correct Answer:- *D*

Explanation:- *use 'a' instead of 'the' as we don't know from the context which specific website it is so as to justify using the'*

QNo:- 122 ,Correct Answer:- *D*

Explanation:- *Since there are multiple artists and 'were' is used in part D, 'talents' should have been used instead of 'talent'*

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QNo:- 123 ,Correct Answer:- *C*

Explanation:- *A is incorrect as nothing in original sentence indicates that number of successes has been less. Also original sentence talks about great successes*
D is incorrect because of difference in meaning between 'one of the country's greatest successes' and 'the country's greatest success'
E is incorrect as E implies like D that electrification has been the greatest success.
Only C provides the original sentence in its actual sense.

QNo:- 124 ,Correct Answer:- *A*

Explanation:- *Passage focuses on negatives of crypto-currency. Hence A is suitable. Also, options B, C, and D are too generic as none of them talks about Currency directly.*

QNo:- 125 ,Correct Answer:- *D*

Explanation:- *Stt A isn't given in the passage.*
Stt B is given at the end of para 3
And stt C at end of para 4

QNo:- 126 ,Correct Answer:- *D*

Explanation:-
Answer is option D. This line is taken from end of 1st para. Also in para 1 author talks about uncertainty related to energy consumed by crypto-currency "41000 people trading crypto on local exchange are to some degree mining on their personal computers. Obviously, these aren't all the Zimbabweans but there is also no administrative source on power use involving crypto-mining."
Options A and E are incorrect as the stt relates specifically to power use
option B is incorrect as it isn't the case that the administrative control over power isn't good rather related to crypto-currency there is no administrative source on power use. "there is also no administrative source on power use involving crypto-mining"

QNo:- 127 ,Correct Answer:- *B*

Explanation:- *A is incorrect as it isn't the hype that's causing downfall of digital currency*
C is incorrect as last para talks about electricity being unreliable in Zimbabwe
D is incorrect as psg doesn't talk about alteranatives to digital currency
E is incorrect as there has been no talk about technical people needed in Zimbabwe

QNo:- 128 ,Correct Answer:- *E*

Explanation:-
A is incorrect as passage doesn't talk alternative energy source though it does talk about "more efficient mining technologies that minimise electricity use."
B is incorrect as para 2 of passage talks about method but doesn't specify that the method is faulty
Option C is incorrect as passage talks about negatives of cryptocurrency. hence, the author wouldn't favor increasing circulation of crypto-currency. Also last para line 1 "A maximum 21 million Bitcoins can only ever be issued."
Option D is incorrect as author believes that something needs to be done about the negatives of cryptocurrency so the panic isn't unnecessary

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QNo:- 129 ,Correct Answer:- *B*

Explanation:- *B is the correct option as is clear from lines "As at February 19, for example, Bitcoin mining was thought to consume more than 51,000 Gigawatts hours of electricity each year worldwide, according to Digiconomist, an online crypto currency hub. That's five and half times as much the power used by Zimbabwe, a developing nation, for the whole of 2015."*

QNo:- 130 ,Correct Answer:- *A*

Explanation:- *Option A is incorrect as "The average electricity cost across southern Africa is 50 percent higher compared to the local rate." local rate here refers to rate in Zimbabwe not worldwide as given in option A*
Options D and B are true as can be derived from para 3
Option C is correct as can be seen from last line of para 2

QNo:- 131 ,Correct Answer:- *B*

Explanation:- *In I ,*
A *conveys an incomplete meaning, an error which is corrected in B by rephrasing the sentence*
In II
'lose' should have been used instead of 'lost' as we are referring to future and also, 'their jobs' should be used instead of 'their job'.
These errors aren't corrected in B of II
In III,
'which is control them' is incorrect . This error hasn't been removed in B of III. Also in B there is no referrant of 'them'

QNo:- 132 ,Correct Answer:- *A*

Explanation:- *B of I looks correct but B by changing the tense from present continuous to present perfect changes the meaning of the sentence*
Meaning of both A and B in II isn't clear
B of III rephrases A correctly

QNo:- 133 ,Correct Answer:- *D*

Explanation:- *correct sentence would be 'With big fields to look after,....'*

QNo:- 134 ,Correct Answer:- *D*

Explanation:- *last time round' is an idiom which means occuring just before the present*

QNo:- 135 ,Correct Answer:- *E*

Explanation:- *the sentence makes sense If we use 'began WITH a competiton' instead of just 'began a competition'*

QNo:- 136 ,Correct Answer:- *D*

Explanation:- *"offered for sale not to private owners' indicates that option A is incorrect*
None other option except D fits logically

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QNo:- 137 ,Correct Answer:- *E*

Explanation:- *all options are correct*

QNo:- 138 ,Correct Answer:- *A*

Explanation:- *Hit here implies population will rise to 40% atleast*
Since we need word that implies increase hence options C and D - reduce and fall are incorrect
Also because of the difference in meaning of ***rise*** *and* ***raise****, option E is incorrect*
option B 'population will extent 40 percent' is logically incorrect

QNo:- 139 ,Correct Answer:- *A*

Explanation:- *Option A is the same as the original sentence. It's just rephrased*
option B is incorrect as it says that responsibility will lie with the owner
Option C is incorrect because it uses word fear instead of warn. Also this option unlike the original sentence, talk about only one issue
Option D meaning isn't clearly conveyed and also he isn't despairing but warning

QNo:- 140 ,Correct Answer:- *B*

Explanation:-
B is the correct option. *The sentence in bold is followed by "The spa insudstry, however faces a threat...' which has a negative coonotation as it talks about 'threat'. Also 'However' in this sentence indicates sentence with opposite positive tone should be used in place of sentence in bold. The words '... valued by owners...' makes it a sentence with positive connotation and hence the best fit*
E option is incorrect as sentence A has no link between the sentence in bold and A
Sentence A being incorrect makes option C - 'All A,B and C' too incorrect
Option D is incorrect as in sentence C there is no referrant for 'those players' in '.....collapse of those players into a hole.....'

QNo:- 141 ,Correct Answer:- *E*

Explanation:- *Only B correctly summarizes the para as is very evident from just one reading of the para*

QNo:- 142 ,Correct Answer:- *A*

Explanation:- *B is incorrect as author considers it to be a risk (refer Para 4)*
C isn't given in passage.

QNo:- 143 ,Correct Answer:- *A*

Explanation:- *D is incorrect as is clear from last line of the psg "Will the benefits of making data more widely available outweigh such risks? The signs are that they will."*
A is the only possible correct option as is very evident from just one reading of the psg

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QNo:- 144 ,Correct Answer:- *C*

Explanation:- *Hale and Hearty means healthy and strong*
Robust is synonym of Hale and hearty
Under the weather means unwell
hence only possible correct option is C - A, B and C

QNo:- 145 ,Correct Answer:- *E*

Explanation:- *Only possible correct option is E as is clear from "Akili Interactive, a startup, plans to seek regulatory approval for a videogame designed to stimulate an area of the brain implicated in attention-deficit hyperactivity disorder."*

QNo:- 146 ,Correct Answer:- *B*

Explanation:- *A is incorrect as clear from last line of passage "Will the benefits of making data more widely available outweigh such risks? The signs are that they will."*
B goes against lines "Medical data may not seem like the type of kindling to spark a revolution"

QNo:- 147 ,Correct Answer:- *A*

Explanation:-
Options A and C are correct *as can be seen from linesin paragraph IV, "The benefits of new technologies often flow disproportionately to the rich. Other risks are harder to deal with. Greater transparency may encourage the hale and hearty not to take out health insurance"*
B is incorrect as is clear from paragraph III, "Many of the 250,000 deaths in America attributable to medical error each year can be traced to poorly co-ordinated care. With data at their fingertips, common standards to enable sharing and a strong incentive to get things right, patients are more likely to spot errors."

QNo:- 148 ,Correct Answer:- *E*

Explanation:- *"Medical data may not seem like the type of kindling to spark a revolution" kindling can be replaced only by fuel.* ***option C***

QNo:- 149 ,Correct Answer:- *E*

Explanation:- *First word needs to be a synonym.All the options except B are synonyms but the antonym is required as answer to the given word and* ***only E*** *is possible correct option*

QNo:- 150 ,Correct Answer:- *A*

Explanation:- *First word needs to be a synonym. Hence options B,D,E are incorrect. Between A and C, A is better*

QNo:- 151 ,Correct Answer:- *C*

Explanation:- *$-1^2 -1$, $-2^2 -1$, $-3^2 - 1$ and so on, hence 206 is wrong*

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QNo:- 152 ,Correct Answer:- *C*

Explanation:- *Multiply by ½ and subtract 2,hence 12 is wrong*

QNo:- 153 ,Correct Answer:- *E*

Explanation:- *Multiply first term by 12,second by 10,third by 8 and so on.....hence 18 is wrong*

QNo:- 154 ,Correct Answer:- *D*

Explanation:- *X 0.5 +1 , x 1 +1 , x1.5 + 1 , x2 + 1 and so on, hence 55 is wrong*

QNo:- 155 ,Correct Answer:- *D*

Explanation:- *x1-1 , x2-1 , x3-1 , x4-1 and so on, hence 386 is wrong.*

QNo:- 156 ,Correct Answer:- *E*

Explanation:- *-1^3-1 , -2^3-2 , -3^3-3 and so on, hence 400 is wrong*

QNo:- 157 ,Correct Answer:- *A*

Explanation:- *12 men in 36 days can do a work.*
1 man in a day can do = 1/(12×36) work
8 men in 20 days can do
= 8×20 / 12×36 =10/27 work
Similarly, we find that 20 women in 20 days can do
10/27 work
Remaining work = 7/27
Now, because in 60 days a work is done by 18 women.
In 1 day a work done by 18×60 women.
In 4 days
7/27 work is done by (18×60×7)/(27×4)
= 70 women.

QNo:- 158 ,Correct Answer:- *C*

Explanation:- *As ht and radius of cone and cylinder are same , therefore diff between their volume = $(2/3)\pi r^2 h$ = 4928 , given h:r =6:7,so let h=6x and r=7x,on solving, $x^3 = 8 => x=2$,hence ht=6x=12 cm.*

QNo:- 159 ,Correct Answer:- *B*

Explanation:- *Let ages of Aparup, his son and his daughter are A,S,D resp.ATQ , A-12 = S+D , A+2 = S+26 and A = 4d on solving we get S = 24 so ans is 24+2 = 26 years.*

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QNo:- 160 ,Correct Answer:- *E*

Explanation:- *(10/52) x (6/51) = 5/221*

QNo:- 161 ,Correct Answer:- *E*

Explanation:- *Statement (A) is insufficient to answer the question, we can't conclude anything from it.*
Clearly (B) alone is not sufficient because of same reason. Even by combining both the statements, we cannot calculate total number of students because there is no information about failed candidates.
Thus, (A) and (B) together are not sufficient

QNo:- 162 ,Correct Answer:- *C*

Explanation:- *From I and II :*
Height = 20 m radius = 10 m
*Then ,Volume of the cylindrical tank = (22/7) *10 *10 *20 sq. m*
*we can calculate radius then , from I diameter is equal to the height so 2*radius = height*
Now we can calculate volume of the cyndrical tank .
Hence , both are required to get the volume.

QNo:- 163 ,Correct Answer:- *A*

Explanation:- *Volume = 154 cubic m = 2x7x11, so surface area can be find easily, therefore 1 alone is sufficient.*
From statement II we know about length only

QNo:- 164 ,Correct Answer:- *A*

Explanation:- *From statement I* $(A-18)^3 = (B-18)^3$
So A = B It is sufficient
From statement II $(A-42)^2 = (B-42)^2$
$(A-42) = +/-(B-42)$
We cannot conclude anything from this

QNo:- 165 ,Correct Answer:- *E*

Explanation:- *From statement I we donot have any information about A*
From Statement II we have information about B only
So Data insufficient

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QNo:- 166 ,Correct Answer:- D

Explanation:-
Total students =1900 , ATQ in school A 90 students are indulged in malpractise from 12^{th} ,which is 10% of total, so total number of students in school A= 900 , given that in 12^{th} 180 more students then 10^{th},solving no of 10^{th} class students =360 and 12^{th} class students = 540,Again in school B no of students = 1000,in malpractice indulged student=11% of total, therefore, no indulged in malpractice =110,12^{th} students in B is 40 more than 10^{th} students in A, so number of 12^{th} students =400 and 10^{th} =600 , in school B 85 are indulged in malpractice from 12^{th},which is 70% more than school A 10^{th} students, so no of school A students in malpractice is 50,and in school b no of students in malpractise in 10^{th} and 12^{th} resp are 25 and 85,
Now class 10^{th} no of students in A are 360 of which 190 are females so 170 are males and in school B 280 are females so 320 are males ,so total males are 170+320=490

QNo:- 167 ,Correct Answer:- D

Explanation:- Fee per student of class 10^{th} =270000/600 = 450

QNo:- 168 ,Correct Answer:- E

Explanation:- ATQ in school D students indulged in malpractice from 10th and 12^{th} are 50+15 =65 and 90-12=78 resp.therefore required ratio is 65:78 or 5:6

QNo:- 169 ,Correct Answer:- B

Explanation:- In school A 50 students are indulge in malpractice, if 70% are not caught then 30% of 50=15 students are caught by authorities.

QNo:- 170 ,Correct Answer:- C

Explanation:- No of students indulged in malpractice from 10^{th} in school B = 25 so required ratio is 25:575 =>1:23

QNo:- 171 ,Correct Answer:- E

Explanation:- In school C no of students in 12^{th} =1.09 of 400=436 and no of students in 12^{th} in school A is 540,hence diff = 540-436 =104

QNo:- 172 ,Correct Answer:- E

Explanation:-
College fees 20% of total, o remaining amount is 80% of total ATQ amount for travel trip =20% of 80% of total =28800 so total =180000 for year so monthly 180000/12 =15000, so sundry expenses =30% of 50% of 15000 =3600

QNo:- 173 ,Correct Answer:- B

Explanation:- As x=3 and -3 and y=9. x < y

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QNo:- 174 ,Correct Answer:- *C*

Explanation:- *X = 4 & 1.5 and y = 1.5 & 0.75 x ≥ y*

QNo:- 175 ,Correct Answer:- *E*

Explanation:- *X = -3&-1 and y = -2&-1.5. No relationship*

QNo:- 176 ,Correct Answer:- *E*

Explanation:- *X = 2 & -0.25 and y = -1 & 0.6.*
No relationship.

QNo:- 177 ,Correct Answer:- *D*

Explanation:- *X=3 & 1.5 and y = 3 & 8, x ≤ y*

QNo:- 178 ,Correct Answer:- *E*

Explanation:- *X = -2& -6 and y = -5& -9, no relation.*

QNo:- 179 ,Correct Answer:- *D*

Explanation:- *Total no. of members enrolled in 1994 of both gymnasium*
= 70 + 150 = 220
Total no. of members enrolled in 1995 = 130% of 220 = 286

QNo:- 180 ,Correct Answer:- *E*

Explanation:- *The ratio between total members of both gymnasium in 1991 to total members in 1994 of both gymnasium = 270/220 = 27:22*

QNo:- 181 ,Correct Answer:- *E*

Explanation:- *The number of members of gymnasium A in 1991 to the no. of members of gymnasium B in 1994 = 60/150 ×100*
= 40%

QNo:- 182 ,Correct Answer:- *E*

Explanation:- *Total members enrolled in gymnasium A from 1991 to 1994 =550*
So their average = 550/4 = 137.5
Total members enrolled in gymnasium B from 1993 to 1994 = 390
So their average = 390/2 = 195
*%age more = [(195-137.5) / 195] * 100 = 29.4%*

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QNo:- 183 ,Correct Answer:- *E*

Explanation:- *Total member enrolled in gymnasium B in 1993 and 1994 together =390*

Total member enrolled in gymnasium A in 1990 and 1994 together = 640
*% less in B than that of A = [(640—390) / 640] * 100 = 39.06%*

QNo:- 184 ,Correct Answer:- *D*

Explanation:- *Reqd. difference*
$=\frac{350}{1050}\times100-\frac{240}{960}\times100$
$= 33.33 - 25 = 8.33\% \approx 8\%$

QNo:- 185 ,Correct Answer:- *B*

Explanation:-
Reqd. difference
$=\frac{(330+450\div475+400+375}{5}$
$\frac{(125\div110+170+150\div135)}{5}$
$=\frac{2030}{5}-\frac{690}{5}=406-138=268$

QNo:- 186 ,Correct Answer:- *A*

Explanation:-
Reqd. %
$=\frac{\frac{170\div255+475}{3}}{\frac{125\div295+330}{3}}\times100=\frac{300}{250}\times100=120\%$

QNo:- 187 ,Correct Answer:- *D*

Explanation:-
Reqd. ratio = $=\frac{250}{(125\div150)}=\frac{250}{275}$
$= 10 : 11$

QNo:- 188 ,Correct Answer:- *B*

Explanation:- *Reqd difference = (295 + 240 + 255 + 350+ 250)-(125+ 110+ 170+ 150+ 135) = 1390- 690 = 700*

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QNo:- 189 ,Correct Answer:- D

Explanation:-
Total no. of employees left at the end of 2003 in company B
= 148 + 172 + 188 - 60 - 96 = 352
Now, the ratio of number of male and female employees is 5 : 6, therefore,
No. of female employees $= \frac{6}{11} \times 352$
= 192

QNo:- 190 ,Correct Answer:- E

Explanation:-
Total no. of emplyees in company A at the end of 2004 = 161+148+135+112-58-69-88 = 341

QNo:- 191 ,Correct Answer:- D

Explanation:-
No. of employees in company E at the end of 2002 = 128+191-50 = 269
No. of employees in company C at the end of 2002 = 179+161-90 = 250
Therefore, required percentage $= \frac{269-250}{250} \times 100 = 7.6\% = 7\frac{3}{5}$

QNo:- 192 ,Correct Answer:- E

Explanation:-
At the end of 2002,
No. of employees in company A = 161+148-58 = 251
No. of employees in company B = 148+172-60 = 260
No. of employees in company C = 179+161-90 = 250
No. of employees in company D = 116+208-60 = 264
No. of employees in company E = 128+191-50 = 269
So, the no. of employees is highest for company E.

QNo:- 193 ,Correct Answer:- E

Explanation:-
Average no. of employees who joined company D during all the given years together
$= \frac{116+208+169+142+155}{5} = 158$

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QNo:- 194 ,Correct Answer:- B

Explanation:-

Difference = $170000 \times \frac{13}{100} \times \frac{(8-5)}{13} = 1700 \times 3 = 5100$

QNo:- 195 ,Correct Answer:- B

Explanation:-

$$\text{Ratio} = \frac{170000 \times \frac{16}{100} \times \frac{9}{16}}{170000 \times \frac{10}{100} \times \frac{3}{5}} = \frac{9}{16} = \frac{3}{2}$$

QNo:- 196 ,Correct Answer:- C

Explanation:-

$D_{diesel} = 170000 \times \frac{13}{100} \times \frac{8}{13} = 13600$

Total no. of cars sold by F = $170000 \times \frac{10}{100} = 17000$

$\therefore$ Required % = $\frac{13600}{17000} \times 100 = \frac{1360}{17} = 80\%$

QNo:- 197 ,Correct Answer:- B

Explanation:-

Difference $_A = 170000 \times \frac{29}{100} \times \frac{1}{17} = 2900$

Difference $_B = 170000 \times \frac{18}{100} \times \frac{4}{18} = 6800$

Difference $_C = 170000 \times \frac{14}{100} \times \frac{1}{7} = -3400$

Difference $_D = 170000 \times \frac{13}{100} \times \frac{3}{13} = 5100$

Difference $_E = 170000 \times \frac{16}{100} \times \frac{7-9}{16} = -3400$

Difference $_F = 170000 \times \frac{10}{100} \times \frac{1}{5} = 3400$

Difference = 2900 + 6800 - 3400 + 5100 - 3400 + 3400 = 11400

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QNo:- 198 ,Correct Answer:- *A*

Explanation:-

Total number of cars sold by company E and F together = (16%+10%) of 170000

$$=\frac{26}{100}\times 170000 = 44200$$

QNo:- 199 ,Correct Answer:- *B*

Explanation:- *Let A be the event that ball selected from the first bag is red and the ball selected from the second bag is green. Let B be the event that the ball selected from the first bag is green and ball elected from the second bag is red.*

Now $P(A) = \frac{5}{8}\times\frac{6}{10}=\frac{3}{8}$

and $P(B) = \frac{3}{8}\times\frac{4}{10}=\frac{3}{20}$

So the required probability $= \frac{3}{8}+\frac{3}{20}=\frac{15+6}{40}=\frac{21}{40}$.

QNo:- 200 ,Correct Answer:- *A*

Explanation:-

	Marks	
Rank1→	30	All questions correct
Rank 2 →	28.75	1 wrong of 1 mark
Rank 3 →	28.5	1 left unattempted of 1 mark
Rank 4→	27.66	1 left unattempted of 2 mark
Rank 5→	27.5	2 wrong of 1 mark

As 1 wrong of 2mark would result in 2.33 deduction (As negative in 2 marks question is 1/3 of a mark for every wrong answer)
1 wrong of 1 mark lead to deduction of 1.25
1 unattempted of 1 mark lead to deduction of 1.5
1 unattempted of 2 mark lead to deduction of 3 marks

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