HOTEL MANAGEMENT
National Council for Hotel Management & Catering Technology

SOLVED PAPER 2016

Time Allowed : 3 hrs | **Max. Marks :** 200

Instructions

- There are five sections in this solved paper.
- For every correct attempt 1 mark will be awarded.
- All questions are in MCQs form and each having four options.

ZOLLEGE.in

Numerical Ability and Analytical Aptitude

1. A library has an average of 510 visitors on Sundays and 240 on other days. The average number of visitors per day in a month of 30 days beginning with a Sunday is

(a) 250 (b) 276 (c) 280 (d) 285

Sol. *(d)* A 30 days month beginning with Sunday has 5 Sunday.

$$\therefore \text{ Required average } = \frac{510 \times 5 + 240 \times 25}{30}$$

$$= \frac{2550 + 6000}{30}$$

$$= \frac{8550}{30} = 285$$

2. A number when divided by 6 leaves a remainder 3. When the square of the number is divided by 6, then the remainder is

(a) 0 (b) 1 (c) 2 (d) 3

Sol. *(d)* Let the number be x.

According to the question,

$$x = 6q + 3 \Rightarrow x^2 = (6q + 3)^2$$

$$= 36q^2 + 9 + 36q$$

$$= 36q^2 + 36q + 6 + 3$$

$$= 6(6q^2 + 6q + 1) + 3$$

Hence, the remainder is 3.

3. Find the sum of all even natural numbers less than 75.

(a) 1410 (b) 1406

(c) 1408 (d) 1412

Sol. *(b)* We know that, sum of even natural numbers

$$= n(n+1)$$

where, $n = \frac{\text{First number + Last number}}{2} - 1$

$$= \frac{2 + 74}{2} - 1 = 38 - 1 = 37$$

$\therefore$ Required sum $= 37 \times 38 = 1406$

4. Six bells commence tolling together and toll at intervals of 2, 4, 6, 8, 10 and 12 s, respectively. In 30 min, how many times do they toll together?

(a) 4 (b) 10

(c) 15 (d) 16

Sol. *(d)* Time after which bells toll together

$$= \text{LCM } (2, 4, 6, 8, 10, 12) = 120 \text{ s}$$

$$= 2 \text{ min}$$

In 30 min, the bells will toll together $= \left(\frac{30}{2} + 1\right)$

= 16 times

ZOLLEGE.in

5. Mr. Bhaskar in on tour and he has ₹ 360 for his expenses. If he exceeds his tour by 4 days, he must cut down his daily expenses by ₹ 3. For how many days is Mr. Bhaskar on tour?

(a) 18 (b) 19 (c) 21 (d) 20

Sol. *(d)* Let the number of tour days be x and daily expense be ₹ y.

According to the question,

$$xy = 360$$

and $$(x+4)(y-3) = 360$$

$$\Rightarrow \quad xy + 4y - 3x - 12 = 360$$

$$\Rightarrow \quad 4y - 3x = 12 \qquad [\because xy = 360]$$

$$\Rightarrow \quad 4\left(\frac{360}{x}\right) - 3x = 12$$

$$\Rightarrow \quad 1440 - 3x^2 = 12x$$

$$\Rightarrow \quad 3x^2 + 12x - 1440 = 0$$

$$\Rightarrow \quad x^2 + 4x - 480 = 0$$

$$\therefore \quad x = \frac{-4 \pm \sqrt{4^2 - 4 \times (-480)}}{2} = \frac{-4 \pm \sqrt{16 + 1920}}{2}$$

$$= \frac{-4 \pm \sqrt{1936}}{2} = \frac{-4 \pm 44}{2} = 20$$

6. If $\frac{5+2\sqrt{3}}{7+4\sqrt{3}} = a + b\sqrt{3}$, then

(a) $a = -11, b = -6$ (b) $a = -11, b = 6$

(c) $a = 11, b = -6$ (d) $a = 6, b = 11$

Sol. *(c)* Given, $\frac{5+2\sqrt{3}}{7+4\sqrt{3}} = a + b\sqrt{3}$

Consider, $\frac{5+2\sqrt{3}}{7+4\sqrt{3}}$

Rationalise the denominator

i.e. $$\frac{5+2\sqrt{3}}{7+4\sqrt{3}} \times \frac{7-4\sqrt{3}}{7-4\sqrt{3}} = \frac{(5+2\sqrt{3})(7-4\sqrt{3})}{7^2 - (4\sqrt{3})^2}$$

$$[\because a^2 - b^2 = (a+b)(a-b)]$$

$$= \frac{35 - 20\sqrt{3} + 14\sqrt{3} - 24}{49 - 48} = 11 - 6\sqrt{3} = a + b\sqrt{3}$$

$$\therefore \quad a = 11, b = -6$$

7. Three-fifth of the square of a certain number is 126.15. What is the number?

(a) 14.5 (b) 75.69

(c) 145 (d) 210.25

Sol. *(a)* Let the number be x.

According to the question,

$$\frac{3}{5}x^2 = 126.15$$

$$\Rightarrow \quad x^2 = 126.15 \times \frac{5}{3}$$

$$\Rightarrow \quad x^2 = 210.25$$

$$\therefore \quad x = 14.5$$

8. The HCF of two number is 8. Which one of the following can never be their LCM?

(a) 24 (b) 48 (c) 56 (d) 60

Sol. *(d)* Given, HCF of two numbers = 8

We know that, HCF is always a factor of LCM.

∴ Among the given options, 60 cannot be the LCM of the numbers.

9. Simplify $\frac{5.32 \times 56 + 5.32 \times 44}{(7.66)^2 - (2.34)^2}$.

(a) 7.2 (b) 8.5 (c) 10 (d) 12

Sol. *(c)* We have,

$$\frac{532 \times 56 + 532 \times 44}{(7.66)^2 - (2.34)^2} = \frac{532(56+44)}{(7.66+2.34)(7.66-2.34)}$$

$$= \frac{532(100)}{10 \times 532} = 10$$

10. If $1.5x = 0.04y$, then the value of $\left(\frac{y-x}{y+x}\right)$ is

(a) $\frac{730}{77}$ (b) $\frac{73}{77}$ (c) $\frac{7.3}{77}$ (d) None of these

Sol. *(b)* We have, $1.5x = 0.04y$

$$\Rightarrow \quad \frac{x}{y} = \frac{0.04}{1.5} = \frac{4}{150} = \frac{2}{75}$$

$$\therefore \quad \left(\frac{y-x}{y+x}\right) = \frac{y\left(1 - \frac{x}{y}\right)}{y\left(1 + \frac{x}{y}\right)} = \frac{1 - \frac{x}{y}}{1 + \frac{x}{y}} = \frac{1 - \frac{2}{75}}{1 + \frac{2}{75}} = \frac{73}{77}$$

11. In measuring the sides of a rectangle, one side is taken 5% in excess and other 4% in deficit. Find the error per cent in the area calculated from these measurements.

(a) 1% (b) 0.9% (c) 0.8% (d) 0.85%

Sol. *(c)* Let the original length be l and breadth be b.

Then, new length $= \frac{105}{100}l$

New breadth $= \frac{96}{100}b$

$$\therefore \text{Percentage error} = \left(\frac{\frac{105}{100} \times \frac{96}{100} lb - lb}{lb}\right) \times 100$$

$$= \frac{10080\,lb - 10000\,lb}{10000\,lb} \times 100$$

$$= \frac{80}{100} = 0.8\%$$

12. In a two-digit number, the digit in the unit's place is four times the digit in ten's place and sum of the digits is equal to 10. What is the number?

(a) 14 (b) 41

(c) 82 (d) None of these

Sol. *(d)* Let two-digit number be $10x + y$.

According to the question,

$$y = 4x \text{ and } x + y = 10$$

$$\Rightarrow \quad x + 4x = 10 \Rightarrow x = \frac{10}{5} = 2$$

$$\therefore \quad y = 4x = 8$$

Hence, the required number is 28.

ZOLLEGE.in

When the numerator of a fraction increases by 4, the fraction increases by 2/3. The denominator of the fraction is

(a) 2 (b) 3 (c) 4 (d) 6

Sol. *(d)* Let the original fraction be $\frac{x}{y}$.

According to the question,

$$\frac{x+4}{y} = \frac{x}{y} + \frac{2}{3}$$

$$\Rightarrow \quad \frac{x+4}{y} - \frac{x}{y} = \frac{2}{3} \quad \Rightarrow \quad \frac{x+4-x}{y} = \frac{2}{3}$$

$$\Rightarrow \quad \frac{4}{y} = \frac{2}{3} \quad \Rightarrow \quad y = \frac{4 \times 3}{2} = 6$$

Hence, the denominator is 6.

4. The ratio between the present ages of P and Q is 6 : 7. If Q is 4 yr older than P, what will be the ratio of the ages of P and Q after 4 yr?

(a) 3 : 4 (b) 3 : 5

(c) 4 : 3 (d) None of these

Sol. *(d)* Let the age of P and Q be $6x$ and $7x$, respectively.

Now, $7x = 6x + 4$

$\therefore \quad x = 4$

$\Rightarrow$ Age of $P = 6x = 6 \times 4 = 24$ yr

and age of $Q = 7x = 7 \times 4 = 28$ yr

$\therefore$ Ratio of ages after 4 yr $= \frac{24+4}{28+4} = \frac{28}{32} = \frac{7}{8}$

5. If the cost of x m of wire is ₹ d, then what is the cost of y m of wire at the same rate?

(a) ₹ $\left(\frac{xy}{d}\right)$ (b) ₹ (xd) (c) ₹ (yd) (d) ₹ $\left(\frac{yd}{x}\right)$

Sol. *(d)* Given, cost of x m of wire = ₹ d

Cost of 1 m of wire = ₹ $\frac{d}{x}$

Cost of y m of wire = ₹ $\frac{dy}{x}$

6. Two pipes A and B can fill a tank in 24 min and 32 min, respectively. If both the pipes are opened simultaneously, after how much time B should be closed, so that the tank is full in 18 min?

(a) 7 (b) 8 (c) 9 (d) 10

Sol. *(b)* Part of tank filled by A in 1 min $= \frac{1}{24}$

Part of tank filled by B in 1 min $= \frac{1}{32}$

Let pipe B should be used for x min.

$$\Rightarrow \quad \frac{18}{24} + \frac{x}{32} = 1$$

$$\Rightarrow \quad \frac{x}{32} = 1 - \frac{18}{24} = \frac{6}{24}$$

$$\Rightarrow \quad x = \frac{6}{24} \times 32 = 8 \text{ min}$$

So, pipe B should be closed after 8 min.

17. In a stream running at 2 km/h, a motorboat goes 6 km upstream and back again to the starting point in 33 min. Find the speed of the motorboat in still water.

(a) 21 km/h (b) 22 km/h

(c) 24 km/h (d) 23 km/h

Sol. *(b)* Given, speed of stream = 2 km/h

Total distance = 12 km

Total time = 33 min $= \frac{33}{60}$ h

Let speed of boat in still water = x km/h

$\therefore$ Downstream speed = $x + 2$

and upstream speed = $x - 2$

$$\Rightarrow \quad \frac{6}{x+2} + \frac{6}{x-2} = \frac{33}{60}$$

$$\Rightarrow \quad \frac{6x-12+6x+12}{x^2-4} = \frac{33}{60} \quad \Rightarrow \quad 12x = 33\left(\frac{x^2-4}{60}\right)$$

$$\Rightarrow \quad \frac{12x \times 60}{33} = x^2 - 4$$

$$\Rightarrow \quad \frac{240x}{11} = x^2 - 4$$

$$\Rightarrow \quad 240x = 11x^2 - 44$$

$$\Rightarrow \quad 11x^2 - 44 - 240x = 0$$

$$\therefore \quad x = \frac{240 \pm \sqrt{(240)^2 + 4 \times 11 \times 44}}{11 \times 2}$$

$$= \frac{240 \pm \sqrt{57600 + 1936}}{22}$$

$$= \frac{240 \pm 244}{22} = \frac{484}{22} = 22$$

Hence, speed of boat in still water is 22 km/h.

18. If the sales tax be reduced from $3\frac{1}{2}\%$ to $3\frac{1}{3}\%$, then what difference does it make to a person who purchases an article with marked price of ₹ 8400?

(a) ₹ 13 (b) ₹ 12 (c) ₹ 14 (d) ₹ 15

Sol. *(c)* Given, marked price = ₹ 8400

$\therefore$ Required difference $= 8400 \times \left(\frac{7}{2} - \frac{10}{3}\right) \times \frac{1}{100}$

$$= 8400 \times \frac{1}{6} \times \frac{1}{100} = \frac{84}{6} = ₹14$$

19. A man bought a horse and a carriage for ₹ 3000. He sold the horse at a gain of 20% and the carriage at a loss of 10%, thereby gaining 2% on the whole. Find the cost of the horse.

(a) ₹ 1100 (b) ₹ 1200

(c) ₹ 1250 (d) ₹ 1150

Sol. *(b)* Let the cost of horse be ₹x.

Then, cost of carriage = ₹ $(3000 - x)$

Now, SP of horse $= \frac{120}{100}x$

ZOLLEGE.in

and SP of carriage $= \frac{90}{100}(3000 - x)$

$\therefore$ Total SP $= \frac{120}{100}x + \frac{90}{100}(3000 - x)$

$= \frac{120x - 90x + 270000}{100}$

$= \frac{30x + 270000}{100} = 2700 + 0.3x$

Hence, $\frac{(2700 + 0.3x) - 3000}{3000} \times 100 = 2$

$\Rightarrow \frac{0.3x - 300}{3000} \times 100 = 2$

$\Rightarrow 0.3x - 300 = 60$

$\Rightarrow x = \frac{60 + 300}{0.3} = \frac{360 \times 10}{3} = 1200$

So, cost of horse is ₹ 1200.

20. Two numbers are in the ratio 3 : 5. If 9 is subtracted from each, the new numbers are in the ratio 12 : 23. The smaller number is

(a) 27 (b) 33 (c) 49 (d) 55

Sol. *(b)* Let the number be $3x$ and $5x$, respectively.

According to the question,

$\frac{3x - 9}{5x - 9} = \frac{12}{23}$

$\Rightarrow 23(3x - 9) = 12(5x - 9)$

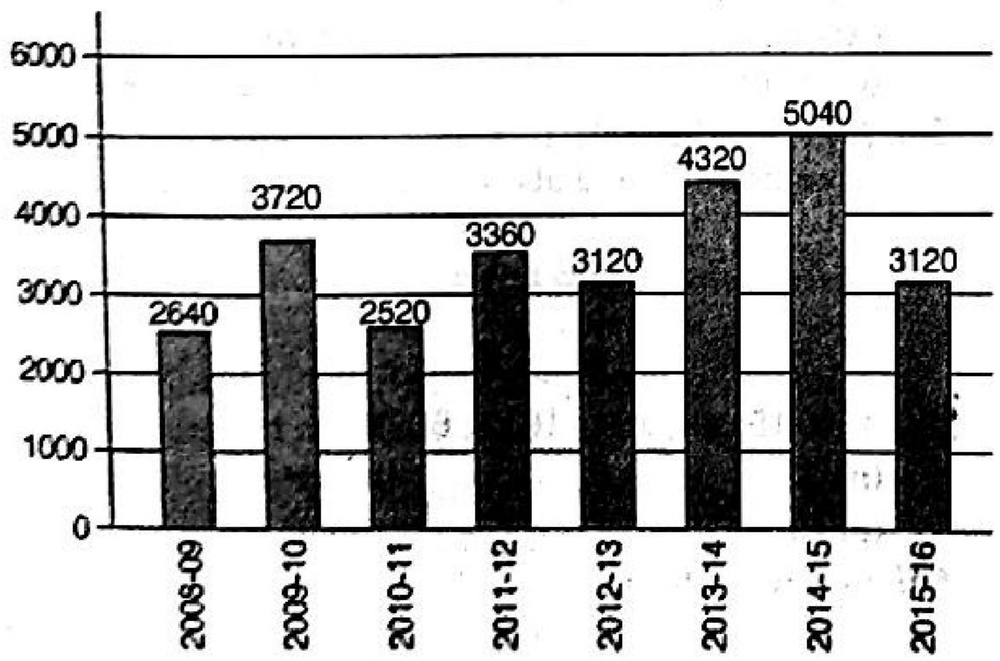
$\Rightarrow 69x - 207 = 60x - 108$

$\Rightarrow 9x = 99 \Rightarrow x = 11$

Hence, smaller numbers is $3x = 33$.

Directions (Q. Nos. 21-25) *The bar graph given below shows the foreign exchange reserves of a country (in million US $) from* 2008-09 *to* 2015-16. *Answer the questions based on this graph.*

Foreign exchange reserves of a country
(in million US $)



21. The ratio of the number of years in which the foreign exchange reserves are above the average reserves to those in which the reserves are below the average reserves is

(a) 2 : 6 (b) 3 : 5 (c) 4 : 4 (d) 5 : 3

Sol. *(b)* Average foreign exchange reserves over the period

$= \frac{2640 + 3720 + 2520 + 3360 + 3120 + 4320 + 5040 + 3120}{8}$

$= \frac{27840}{8} = 3480$

$\therefore$ Required ratio $= \frac{3}{5} = 3 : 5$

22. The foreign exchange reserves in 2014-15 was how many times that in 2011-12?

(a) 0.7 (b) 1.2

(c) 1.4 (d) 1.5

Sol. *(d)* Reserves in 2014-15 = 5040

Reserves in 2011-12 = 3360

$\Rightarrow \frac{5040}{3360} = 1.5$

23. What was the percentage increase in the foreign exchange reserves in 2014-15 over 2010-11?

(a) 100% (b) 150%

(c) 200% (d) 620%

Sol. *(a)* Required percentage $= \frac{5040 - 2520}{2520} \times 100$

$= \frac{2520}{2520} \times 100$

$= 100\%$

24. For which year, the per cent increase of foreign exchange reserves over the previous year is the highest?

(a) 2009-10 (b) 2010-11

(c) 2011-12 (d) 2013-14

Sol. *(a)* Percentage increase over the previous year in

$2009\text{-}10 = \frac{3720 - 2640}{2640} \times 100 = 40.9\%$

2010-11 = Percentage has decreased

$2011\text{-}12 = \frac{3360 - 2520}{2520} \times 100 = 33.33\%$

$2013\text{-}14 = \frac{4320 - 3120}{3120} \times 100 = 38.46\%$

Hence, the highest increase was in the year 2009-10.

25. The foreign exchange reserves in 2013-14 were approx what per cent of the average foreign exchange reserves over the period under review?

(a) 95% (b) 110%

(c) 115% (d) 125%

Sol. *(d)* Average foreign exchange over the period = 3480

$\therefore$ Required percentage $= \frac{4320}{3480} \times 100$

$= 125\%$

ZOLLEGE.in

DIRECTIONS (Q. Nos. 26-30) *The following table gives the percentage of marks obtained by seven students in six different subjects in an examination. Study the table and answer the questions based on it. The numbers in the brackets show the maximum marks in each subject.*

Students ↓ / Subjects →	Maths (150)	Chemistry (130)	Physics (120)	Geography (100)	History (60)	Computer Science (40)
Aditi	90	50	90	60	70	80
Aman	100	80	80	40	80	70
Sapan	90	60	70	70	90	70
Rahul	80	65	80	80	60	60
Mukesh	80	65	85	95	50	90
Tanvi	70	75	65	85	40	60
Sanjay	65	35	50	77	80	80

26. In which subject is the overall percentage the best?
(a) Maths (b) History
(c) Physics (d) Chemistry

Sol. *(a)* We shall find the overall percentage with respect to each subject.

I. Maths $= \frac{1}{7}(90 + 100 + 90 + 80 + 80 + 70 + 65)$
$= \frac{1}{7} \times 575 = 82.14\%$

II. History $= \frac{1}{7}(70 + 80 + 90 + 60 + 50 + 40 + 80)$
$= \frac{1}{7} \times 470 = 67.14\%$

III. Physics $= \frac{1}{7}(90 + 80 + 70 + 80 + 85 + 65 + 50)$
$= \frac{1}{7} \times 520 \approx 74.29\%$

IV. Chemistry $= \frac{1}{7}(50 + 80 + 60 + 65 + 65 + 75 + 35)$
$= \frac{1}{7} \times 430 \approx 61.43\%$

Hence, the overall percentage is best in Maths.

27. What was the aggregate of marks obtained by Sapan in all the six subjects?
(a) 409 (b) 419
(c) 429 (d) 449

Sol. *(d)* Aggregate marks obtained by Sapan
$= 90\%$ of $150 + 60\%$ of $130 + 70\%$ of $120 + 70\%$ of $100 + 90\%$ of $60 + 70\%$ of 40
$= 135 + 78 + 84 + 70 + 54 + 28 = 449$

28. What is the overall percentage of Sanjay?
(a) 52.5% (b) 55%
(c) 60% (d) 64.5%

Sol. *(c)* Aggregate marks obtained by Sanjay
$= 65\%$ of $150 + 35\%$ of $130 + 50\%$ of $120 + 77\%$ of $100 + 80\%$ of $60 + 80\%$ of 40
$= 97.5 + 455 + 60 + 77 + 48 + 32 = 360$
Total marks $= 150 + 130 + 120 + 100 + 60 + 40$
$= 600$
$\therefore$ Required percentage $= \frac{360}{600} \times 100 = 60\%$

29. What are the average marks (approx.) obtained by all the seven students in Physics?
(a) 77.26 (b) 89.14
(c) 91.37 (d) 96.11

Sol. *(b)* Required average
$= \frac{1}{7}$ [90% of 120 + 80% of 120 + 70% of 120 + 80% of 120 + 85% of 120 + 65% of 120 + 50% of 120]
$= \frac{1}{7} \times 120[90\% + 80\% + 70\% + 80\% + 85\% + 65\% + 50\%]$
$= \frac{1}{7} \times 120 \times \frac{520}{100} = 89.14\%$

30. The number of student (s) who obtained 60% and above marks in all the subjects is
(a) one (b) two
(c) three (d) None of these

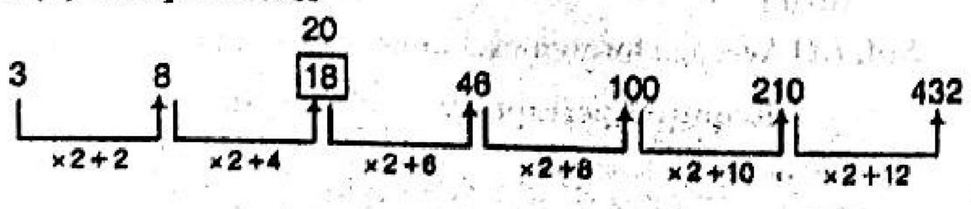
Sol. *(b)* From the table, it is clear that Sapan and Rahul obtained 60% and above marks in all the subjects.

Reasoning and Logical Deduction

DIRECTIONS (Q. Nos. 31-32) *Find the odd one out.*

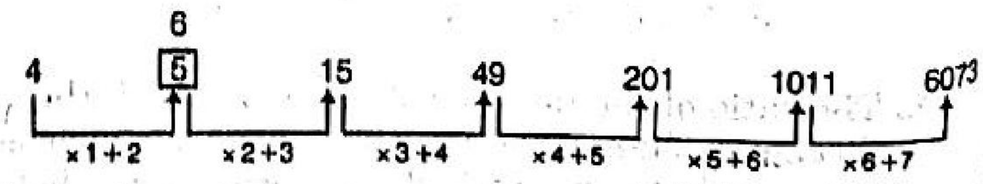
31. 3, 8, 18, 46, 100, 210, 432
(a) 5 (b) 18
(c) 46 (d) 100

Sol. *(b)* The pattern is



32. 4, 5, 15, 49, 201, 1011, 6073
(a) 5 (b) 15
(c) 49 (d) 201

Sol. *(a)* The pattern is



ZOLLEGE.in

DIRECTIONS (Q. Nos. 33-34) *Each of these questions has a statement followed by two Conclusions* I *and* II. *Consider the statement and the following conclusions. Decide which of the conclusions follows from the statement.*

Give answer

(a) if Conclusion I follows

(b) if Conclusion II follows

(c) if neither Conclusion I nor II follows

(d) if both Conclusions I and II follow

33. Statement The best way to escape from a problem is to solve it.

Conclusions

I. Your life will be dull if you don't face a problem.

II. To escape from problems, you should always have some solutions with you.

Sol. *(b)* Only Conclusion II follows. As, solving problem is the best option.

34. Statement India's economy is dependent mainly on forests.

Conclusions

I. Trees should be preserved to improve the Indian economy.

II. India wants only maintenance of forests to improve economic conditions.

Sol. *(a)* Only Conclusion I follows. As, preservation of forest is necessary.

DIRECTIONS (Q. Nos. 35-36) *Each of these questions has an Assertion (A) and Reason (R).*

Give answer

(a) if both A and R are true and R is the correct explanation of A

(b) if both A and R are true but R is not the correct explanation of A

(c) if A is true but R is false

(d) if A is false but R is true

35. Assertion (A) Baking soda creates acidity in the stomach.

Reason (R) Baking soda is alkaline.

Sol. *(d)* Baking soda is alkaline and cannot create acidity in the stomach.

36. Assertion (A) Cut fruits and vegetables should not be kept in open for long.

Reason (R) Their vitamin content is ruined.

Sol. *(b)* Both A and R are true but R is not the correct explanation of A.

37. In a certain code, TOGETHER is written as RQEGRJCT. In same code, PAROLE will be written as

(a) NCPQJG (b) NCQPJG

(c) RCPQJK (d) RCTQNG

Sol. *(a)* As,

T	O	G	E	T	H	E	R
-2	+2	-2	+2	-2	+2	-2	+2
R	Q	E	G	R	J	C	T

Similarly,

P	A	R	O	L	E
-2	+2	-2	+2	-2	+2
N	C	P	Q	J	G

38. If 'cinto baoli tsi nzro' means 'her village is Sarurpur'; 'mhi cinto keep tsi oind' means 'her first love is literature' and 'oind geit tsi cinto pki' means 'literature collection is her hobby', which word would mean 'literature'?

(a) cinto (b) baoli (c) oind (d) geit

Sol. *(c)* cinto baoli tsi nzro → her village is Sarurpur.

mni cinto keep tsi oind → her first love is literature.

oind geit tsi cinto pki → literature collection is her hobby.

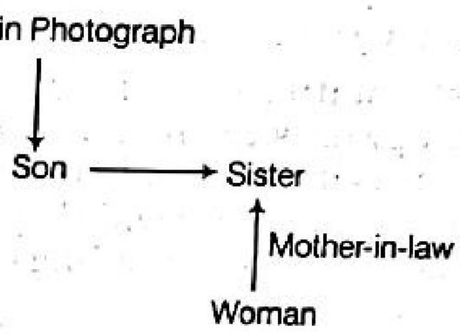
∴ Code of literature is oind.

39. Pointing to a photograph, a woman says, "This man's son's sister is my mother-in-law". How is the woman's husband related to the man in the photograph?

(a) Grandson (b) Son

(c) Son-in-law (d) Nephew

Sol. *(a)*

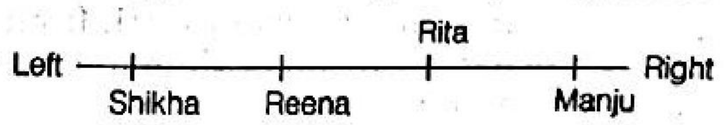


∴ Woman's husband is the grandson of the man in the photograph.

40. Four girls are sitting on a beach to be photographed. Shikha is to the left of Reena. Manju is to the right of Reena. Rita is between Reena and Manju. Who would be second from the left in the photograph?

(a) Reena (b) Shikha (c) Manju (d) Rita

Sol. *(a)*



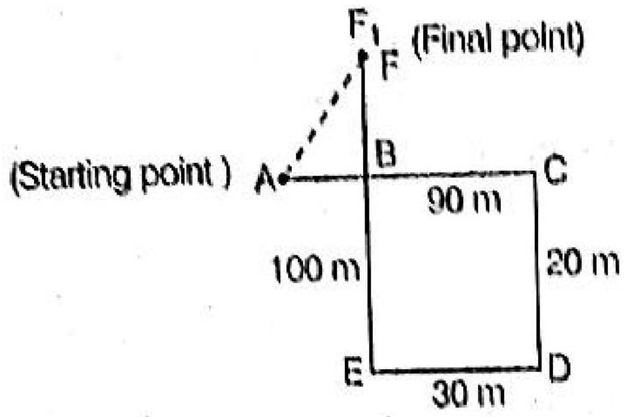
Reena is second from the left in the photograph.

41. A child is looking for his father. He went 90 m in the East before turning to his right. He went 20 m before turning to his right again to look for his father at his uncle's place 30 m from this point. His father was not there. From here, he went 100 m to the North before meeting his father in a street. How far did the son meet his father from the starting point?

(a) 80 m (b) 100 m (c) 140 m (d) 260 m

ZOLLEGE.in

Sol. *(b)* According to the question,



Here, AB = 60 m, BF = 80 m

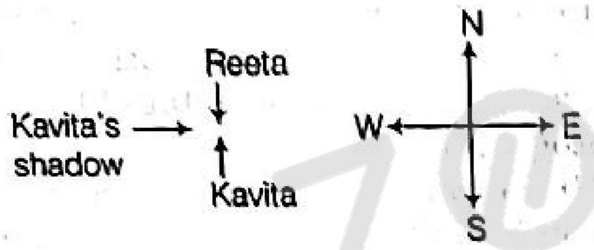
$\therefore$ AF = $\sqrt{60^2 + 80^2} = \sqrt{3600 + 6400} = \sqrt{10000} = 100$ m

42. One morning after sunrise, Reeta and Kavita were talking to each other face to face at Tilak Square. If Kavita's shadow was exactly to the right of Reeta, which direction Kavita was facing?

(a) North (b) South

(c) East (d) None of these

Sol. *(a)* According to the question,



$\therefore$ Kavita was facing North.

43. Nitin was counting down from 32. Sumit was counting upwards the numbers starting from 1 and he was calling out only the odd numbers. What common number will they call out at the same time, if they were calling out at the same speed?

(a) 19

(b) 21

(c) 22

(d) They will not call out the same number

Sol. *(d)* Nitin : 32 31 30 29 28 27 26 25 24 23 22

Sumit : 1 3 5 7 9 11 13 15 17 19 21 ...

Clearly, they will never call out the same number.

44. In a class of 60, where girls are twice that of boys, Kamal ranked seventeenth from the top. If there are 9 girls ahead of Kamal, how many boys are after him in rank?

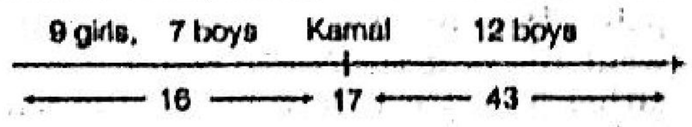
(a) 3 (b) 7

(c) 12 (d) 23

Sol. *(c)* Since, girls are twice that of boys.

$\therefore$ Number of girls = 40

and number of boys = 20



So, there are 12 boys ranked after Kamal.

45. There are twenty people working is an office. The first group of five works between 8 : 00 am and 2 : 00 pm. The second group of ten works between 10 : 00 am and 4 : 00 pm. And the third group of five works between 12 noon and 6 : 00 pm. There are three computers in the office which all the employees frequently use. During which of the following hours the computers are likely to be used most?

(a) 10:00 am - 12 noon

(b) 12 noon - 2:00 pm

(c) 1:00 pm - 3:00 pm

(d) 2:00 pm - 4:00 pm

Sol. *(b)* First group = 8 : 00 am - 2 : 00 pm

Second group = 10 : 00 am - 4 : 00 pm

Third group = 12 : 00 pm - 6 : 00 pm

So, the computers are likely to be used most during 12 noon to 2 : 00 pm

46. At the end of business conference, all the ten people shake hands present with each other once. How many handshakes will there be altogether?

(a) 20 (b) 45 (c) 55 (d) 90

Sol. *(b)* Total number of handshakes = $\frac{n(n-1)}{2}$

$= \frac{10\,(10-1)}{2} = 45$

47. In a caravan, in addition to 50 hens, there are 45 goats and 8 camels with some keepers. If the total number of feet be 224 more than the number of heads in the caravan, the number of keepers is

(a) 5 (b) 8 (c) 10 (d) 15

Sol. *(d)* Let total number of keepers be k.

$\therefore$ Number of heads = $k + 103$

and number of feet = $50 \times 2 + 45 \times 4 + 8 \times 4 + 2 \times k$

$= 312 + 2k$

According to the question,

$$312 + 2k = 224 + (k + 103)$$

$$\Rightarrow \quad 312 + 2k = 327 + k$$

$$\Rightarrow \quad k = 327 - 312 = 15$$

48. In a 500 m race, the ratio of the speeds of two contestants A and B is 3 : 4. If A has a start of 140 m, then A win by.

(a) 60 m (b) 40 m

(c) 20 m (d) 10 m

Sol. *(c)* Let the speed of A and B be $3x$ and $4x$, respectively.

According to the question,

Time taken by A to cover 360 m = $\frac{360}{3x}$

$\Rightarrow$ Distance covered by B in

$$\frac{360}{3x} = \frac{360}{3x} \times 4x = 480 \text{ m}$$

$\therefore$ A win by 20 m.

ZOLLEGE.in

9. Two dices are tossed. What is the probability that the total score is a prime number?
(a) 1/6 (b) 5/12 (c) 1/2 (d) 7/9

Sol. *(b)* Required probability $= \frac{15}{36} = \frac{5}{12}$

0. How many words can be formed by using all the letters of the word 'DAUGHTER', so that the vowels always come together?
(a) 720 (b) 1440
(c) 2460 (d) 4320

Sol. *(d)* Required number of ways $= 6! \times 3!$
$= 6 \times 5 \times 4 \times 3 \times 2 \times 3 \times 2$
$= 4320$

51. What will be the difference between the sum of the odd digits and the sum of the even digits in the number 857423?
(a) Zero
(b) One
(c) Two
(d) None of the above

Sol. *(b)* Sum of odd digits $= 5 + 7 + 3 = 15$
Sum of even digits $= 8 + 4 + 2 = 14$
$\therefore$ Required difference $= 15 - 14 = 1$

DIRECTIONS (Q. Nos. 52-54) *Study the following information to answer these questions.*

A cube is coloured red on two opposite faces, blue on two adjacent faces and yellow on the two remaining faces. It is then cut into two halves along the plane parallel to the red faces. One piece is then cut into four equal cubes and the other one into 32 equal cubes.

52. How many cubes do not have any coloured face?
(a) 0 (b) 2 (c) 4 (d) 8

Sol. *(c)* Consider a 4 inch cube.
The top half is cut into four equal cubes. All of them have atleast one painted face. The bottom half is cut into 32 equal cubes. The central four cubes in the top layer are paintless.

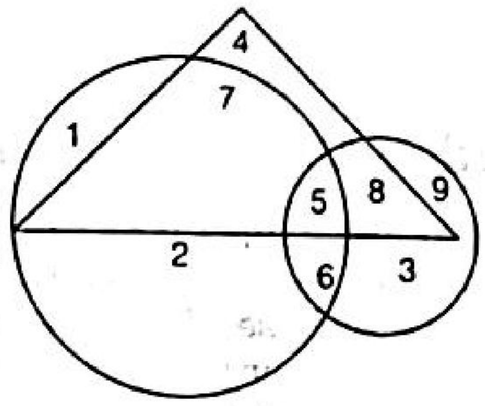
53. How many cubes do not have any red face?
(a) 8 (b) 16
(c) 20 (d) 24

Sol. *(b)* Since, the top and bottom faces are coloured red, so the middle layer of 16 cubes will not have any red coloured face.

54. How many cubes have atleast two coloured faces?
(a) 20 (b) 24
(c) 28 (d) 32

Sol. *(b)* 24 cubes have atleast two coloured faces.

DIRECTIONS (Q. Nos. 55-57) *The following questions are based on the given diagram in which the triangle represents female graduates, small circle represents self-employed females and the big circle represents self-employed females with bank loan facility. Numbers are shown in the different sections of the diagram. On the basis of these numbers, answer the following questions.*



55. How many female graduates are self-employed?
(a) 12 (b) 13 (c) 15 (d) 20

Sol. *(d)* Self-employed female graduates are
$5 + 8 + 7 = 20$

56. How many female graduates are not self-employed?
(a) 4 (b) 10 (c) 12 (d) 15

Sol. *(a)* 4 female graduates are not self-employed.

57. How many non-graduate females are self-employed?
(a) 9 (b) 11
(c) 12 (d) 21

Sol. *(d)* Non-graduate females who are self-employed are
$9 + 3 + 6 + 2 + 1 = 21$

DIRECTIONS (Q. Nos. 58-60) *Read the following information carefully to answer these questions.*

There are six teachers A, B, C, D, E and F in a school. Each of the teachers teaches two subjects, one compulsory subject and the other optional subject. D's optional subject was history while three others have it as compulsory subject. E and F have physics as one of their subjects. F's compulsory subject is mathematics which is an optional subjects of both C and E. History and English are A's subjects but in terms of compulsory and optional subjects, they are just reverse of those D's. Chemistry is an optional subject of only one of them. The only female teacher in the school has English as her compulsory subject.

58. What is C's compulsory subject?
(a) History (b) Physics
(c) English (d) Chemistry

59. Who is the female member in the group?
(a) A (b) B
(c) C (d) D

ZOLLEGE.in

60. Who among the following has same compulsory and optional subject as those of F's?
(a) D (b) B
(c) A (d) None of these

Sol. (Q. Nos. 58-60) According to the information,

		Compulsory	Optional
(Male) A	→	History	English
(Male) B	→	History	Chemistry
(Male) C	→	History	Mathematics
(Female) D	→	English	History
(Male) E	→	Physics	Mathematics
(Male) F	→	Mathematics	Physics

58. *(a)* C's compulsory subject is History.

59. *(d)* D is the female member in the group.

60. *(d)* None of these

General Knowledge and Current Affairs

61. The International Fleet Review (IFR) 2016, a ceremonial and stately inspection of naval warships by President of India has taken place in February 2016 in
(a) Vishakhapatnam (b) Kolkata
(c) Mumbai (d) Cochin

Sol. *(a)* International Fleet Review (IFR) 2016 was an international maritime exercise, hosted and conducted by the Indian Navy on behalf of the President of India in February 2016 in Vishakhapatnam to improve relations with other navies in the region. The Indian Navy demonstrated its maritime capabilities to the foreign navies participating in the review.

62. Which one of the following popular fast food chain companies has recently opened its 1000th restaurant/store in India?
(a) McDonald (b) KFC
(c) Domino's Pizza (d) Pizza Hut

Sol. *(c)* The American brand Domino's Pizza has opened its 1000th restaurant at Unity One Mall, Janakpuri, New Delhi. It is present in 227 cities in India.

63. 'Neermahal', a former Royal Palace constructed by King Bir Bikram Kishore Debbarman in 1930 is a famous tourist place in
(a) Tripura (b) Arunachal Pradesh
(c) Assam (d) West Bengal

Sol. *(a)* 'Neermahal' (meaning 'Water Palace') is a former Royal Palace built by King Bir Bikram Kishore Debbarman of the erstwhile kingdom of Tripura, India in the middle of the lake Rudrasagar in 1930. It is situated in Melaghar, 53 km away from the Agartala, the capital of Tripura. The palace is situated in the middle of Rudrasagar lake and assimilates Hindu and Muslim architectural styles.

64. Which one of the following nations has won the men's football gold medal in the recently concluded South Asian Games 2016?
(a) India (b) Nepal
(c) Bangladesh (d) Maldives

Sol. *(b)* On 16th February, 2016, Nepali National Football Team (men's) secured a historic victory over India and won gold medal in the final of 12th South Asian Games, held in India.

65. Which among the following cities is placed first as the cleanest among all state capitals and cities with million plus population as per the Swachh Sarvekshan Report released by Government of India in February 2016?
(a) Chandigarh (b) Tiruchirappalli
(c) Gangtok (d) Mysuru

Sol. *(d)* Mysuru city from Karnataka has been ranked first in terms of cleanliness for second time in row among the 73 surveyed cities in Swachh Sarvekshan 2016. It was announced by Urban Development Minister Venkaiah Naidu during the Swachh Sarvekshan 2016 Award function held in New Delhi.

66. In which one of the following Indian cities, the grand finale of World's Second Young Chef Olympiad (YCO) 2016 has taken place in February 2016?
(a) Mumbai (b) Kolkata
(c) Bengaluru (d) New Delhi

Sol. *(b)* The grand finale of World's Second Young Chef Olympiad (YCO) 2016 has taken place in February 2016 in Kolkata.

67. Which Pakistan province has recently become first to adopt Hindu Marriage Bill, 2015 in order to allow the minority community to register their marriages?
(a) Sindh (b) Punjab
(c) Balochistan (d) None of the above

Sol. *(c)* Balochistan Assembly has passed the Hindu Marriage Bill, 2015 on 8th February 2016, becoming the first assembly in Pakistan to pass the respective bill.

68. 'Taj Falaknuma Palace', a luxurious hotel by Taj Group of Hotels is located in
(a) Jaipur (b) Lucknow
(c) Bhopal (d) Hyderabad

Sol. *(d)* Falaknuma is a palace in Hyderabad, Telangana, India. It belongs to Paigah, Hyderabad state and it was later owned by the Nizam of Hyderabad. It is on a 32 acre (13 ha) area in Falaknuma, 5 km from Charminar. It was built by Nawab Vikar-ul-Umra, Prime Minister of Hyderabad and the uncle and brother in-law of the Nizam VI, Nawab Mir Mahboob Ali Khan Bahadur. Falaknuma means 'like the sky' or 'mirror of the sky' in Urdu.

ZOLLEGE.in

9. Which one of the fast food MNCs in India has partnered with PepsiCo India in February 2016 as its new exclusive beverage and snack provider?
(a) McDonald
(b) Subway
(c) Pizza Hut
(d) Domino's Pizza

Sol. *(b)* Subway in India has partnered with PepsiCo India in February 2016 as its new exclusive beverage and snack provider.

0. Which one of the following universities founded by freedom fighter Pandit Madan Mohan Malviya, is celebrating 100 years of its establishment in February 2016?
(a) Banaras Hindu University
(b) Allahabad University
(c) Deendayal Upadhyaya Gorakhpur University
(d) Guru Nanak Dev University

Sol. *(a)* Banaras Hindu University (BHU), founded by freedom fighter Pandit Madan Mohan Malviya has turned 100 years on 13th February, 2016. BHU was founded as important seat of higher education in 1916. During time of its establishment, it was first university in India that was the result of a private individual's efforts.

71. Which among the following food and edible oil companies recently launched 'Fortune VIVO', India's first diabetes care oil?
(a) Adani Wilmar Limited
(b) Cargill
(c) Agro Tech Foods Limited
(d) Marico

Sol. *(a)* Adani Wilmar Limited. has introduced a cooking oil named 'Fortune VIVO' that helps in controlling type-II diabetes and reduce/maintain blood sugar levels. The company claimed that alongwith diabetes, the oil is also effective in reducing high blood pressure and high levels of cholesterol in the blood.

72. Which company has launched 'SKINN', a fine French perfume in February 2016?
(a) ITC
(b) Raymond
(c) Titan
(d) None of the above

Sol. *(c)* Titan Co. Ltd. has launched a French perfume range in February 2016.

73. 'The GiG Carnival', the three-day entertainment, food and design festival as part of Incredible India initiative has taken place in February 2016 in
(a) Lucknow
(b) Delhi
(c) Chandigarh
(d) Jaipur

Sol. *(b)* The GiG Carnival, NCR's biggest carnival extravaganza of music, craft and food was held in New Delhi from 5th -7th February, 2016. It was an exclusive initiative by Gourmet Planet supported by Ministry of Tourism.

74. The popular heritage hotel 'Taragarh Palace Hotel' is located in which part of India?
(a) Kangra, Himachal Pradesh
(b) Nainital, Uttarakhand
(c) Jodhpur, Rajasthan
(d) Udaipur, Rajasthan

Sol. *(a)* The Taragarh Palace stands majestically at a height of 1000 m amidst 15 acres of lush forests and tea gardens in the Kangra Valley in Palampur, Himachal Pradesh. The palace was built by the Nawab of Bhawalpur in 1937, as a summer resort and it was acquired by the Royal Family of Jammu and Kashmir in 1951.

75. 'Maharaja Express', the luxury train covers Delhi-Agra-Ranthambore-Jaipur-Delhi route under the 4 days journey named as
(a) Gems of India
(b) Treasures of India
(c) The Indian Panorama
(d) The Heritage of India

Sol. *(b)* Maharajas Express Treasures of India is a 3 nights, 4 days journey that explores the popular Golden Triangle the Delhi, Agra, Jaipur, Ranthambore, Jaipur, Delhi.

76. Where did the 'Make in India', a week-long event take place in February 2016?
(a) New Delhi
(b) Mumbai
(c) Ahmedabad
(d) Bengaluru

Sol. *(b)* The 'Make in India', a week-long event took place in February 2016 in Mumbai.

77. Who has been chosen as the first recipient of the First World Sanskrit Award in 2016 given by Government of India?
(a) Maha Chakri Sirindhorn
(b) Raghuveer Chaudhari
(c) Khadga Prasad Sharma Oli
(d) Anerood Jugnauth

Sol. *(a)* Thai Princess Maha Chakri Sirindhorn had been conferred with the First World Sanskrit Award 2016 given by Government of India.

78. 'Zahra' and 'Philae' are the two Nile cruisers in Egypt owned by which group of hotels from India?
(a) ITC Group
(b) Oberoi Hotels
(c) Tata Group
(d) Ashok Group

Sol. *(b)* Zahra and Philae Nile cruisers in Egypt are owned by Oberoi Group of Hotels from India.

79. 'Umaid Bhawan Palace, Jodhpur' which has been named the world's best hotel of 2016 by the TripAdvisor's 2016 Travellers' Choice Awards, is a world famous luxury hotel owned by
(a) Tata Group
(b) Jaypee Group
(c) The Leela Group
(d) Clarks Group

ZOLLEGE.in

Sol. *(a)* Umaid Bhawan Palace, located at Jodhpur in Rajasthan, India, is one of the world's largest private residences. Recently, it was awarded as the world's best hotel at the Traveller's Choice Award 2016, which was organised by TripAdvisor. A part of the palace is managed by Taj Hotels. Taj hotels, resorts and palaces is part of the Tata Group, India's premier business house.

80. Which former Indian cricketer has been appointed as a member of the new Anti-Corruption Oversight Group?
(a) Anil Kumble (b) Sourav Ganguly
(c) Javagal Srinath (d) Rahul Dravid

Sol. *(d)* Rahul Dravid, the former Indian cricketer, has been appointed as a member of the new Anti-Corruption Oversight Group.

81. Boutros Boutros-Ghali, the former sixth United Nations (UN) Secretary-General who has recently passed away at the age of 93 was the politician and diplomat from
(a) South Africa (b) Brazil
(c) Indonesia (d) Egypt

Sol. *(d)* Boutros Boutros-Ghali (14th November, 1922-16th February, 2016) was an Egyptian politician and diplomat who was the sixth Secretary-General of the United Nations (UN) from January 1992 to December 1996.

82. In which of the following places, Inter Continental Hotels Group (IHG), one of the world's leading hotel companies, has unveiled its 5000th hotel 'The Hotel Indigo' in February 2016?
(a) Mumbai (b) Dubai
(c) New York (d) London

Sol. *(c)* Inter Continental Hotels Group (IHG), one of the world's leading hotel companies, has unveiled the Hotel Indigo® in February 2016 at Lower East Side, New York as its 5000th hotel globally. The hotel is a joint venture between IHG and Brack Capital Real Estate (BCRE) and is IHG's third for the Hotel Indigo® brand in New York City.

83. Which one of the famous chefs from India started the 'My Yellow Table Season 2', a television show on NDTV Good Times in January 2016?
(a) Kunal Kapoor (b) Sanjeev Kapoor
(c) Vikas Khanna (d) Shipra Khanna

Sol. *(a)* Kunal Kapoor, the renowned chef from India, started the 'My Yellow Table Season-2' a television show on NDTV Good Times in January 2016.

84. Which one of the following companies has launched an Ayurveda product 'Ratnaprash SugarFree' in December 2015?
(a) Patanjali Ayurveda Limited
(b) Hindustan Unilever Limited
(c) Dabur India Limited
(d) Emami Limited

Sol. *(c)* Dabur India, the pioneer and undisputed leader in the branded Chyawanprash category, has unveiled its latest offering Ayurveda product 'Ratnaprash SugarFree' in December 2015 specially to help fight fatigue.

85. In which one of the following cities is the Simhasth Kumbh Mahaparv (Holy Dip) 2016 taking place?
(a) Haridwar (b) Ujjain
(c) Allahabad (d) Nashik

Sol. *(b)* Ujjain Simphastha is a Hindu religious mela held every 12 years in the Ujjain city of Madhya Pradesh, India. It is one of the four fairs traditionally recognised as Kumbh Melas, and is also known as Ujjain Kumbh Mela.

86. Which one of the following popular film stars is the brand ambassador of online grocery store 'BigBasket'?
(a) Deepika Padukone
(b) Ranbir Kapoor
(c) Shah Rukh Khan
(d) Jacqueline Fernandez

Sol. *(c)* Big Basket is the first comprehensive online grocery store in Bengaluru, Mumbai, Hyderabad, Pune, Mysore, Delhi-Noida-Gurgaon, Chennai, Madurai, Coimbatore, Vijayawada, Ahmedabad, Nasik, Lucknow, Vadodara, Nagpur, Ahmedabad, Vishakhapatnam and Patna. Shah Rukh Khan has become the brand ambassador of Bigbasket.

87. Which one of the following companies has launched ready to drink flavoured milk beverage brand 'VIO' in India?
(a) PepsiCo (b) Parle (c) Coca-Cola (d) Dabur

Sol. *(c)* VIO is beverage by the Coca-Cola Company. It is milk with carbonated water. The drink is now in the American market, but the Coca-Cola Company had a similar product, sold exclusively in Japan in the early 1990s.

88. Which one of the following iconic hotels of Delhi is being shut down for facelift for 2 years from April 2016 till April 2018?
(a) The Imperial (b) The Ambassador
(c) The Taj Mahal (d) The Oberoi

Sol. *(d)* The iconic Oberoi Hotel, a landmark in the heart of Delhi for the last 50 years will be shut down for major renovation from 1st April. East India Hotels (EIH), the parent company of Oberoi Hotels, has informed the Bombay Stock Exchange that the property is expected to reopen by 1st April, 2018.

89. Who is the writer of the recently released book 'Life Mantras'?
(a) Shatrughan Sinha
(b) Subrata Roy Sahara
(c) Vijay Mallya
(d) Ratan Tata

ZOLLEGE.in

1. *(b)* Subrata Roy Sahara is the writer of the book 'Life Mantras'.He is an Indian businessman and the founder and chairman of the Sahara India, an Indian conglomerate with diversified businesses and ownership interests that include London's Grosvenor House, New York's Plaza Hotel, Aamby Valley city and Force India, Roy founded the company in 1978. He was name among the 10 Most Powerful People of India in 2012 by India Today. In 2004, the group was termed by the Time magazine as 'the second largest employer in India' after the Indian Railways. He has been in Tihar Jail since 2014.

ptitude For Service Sector

91. While driving your car in the market, you inadvertently met with a minor accident involving a cyclist. You will
(a) angrily abuse the cyclist and tell him it was his fault
(b) try and run away from the scene of the accident
(c) help the cyclist get up and apologise for the mistake involving both of you
(d) get out of your car and hit the cyclist and create a scene

Sol. *(c)* I will help him get up and apologise for the mistake involving him and me.

92. When you observe a cluster of slums in the heart of a modern city, you feel
(a) there is absolutely no place for such poor people in a modern city
(b) the government must give these poor people some alternative space and then shift them without force
(c) these slums must be immediately removed forcibly and area should be cleared
(d) these poor people should be given a notice of one month to shift to some other place

Sol. *(b)* I feel that the government must give these poor people some alternative space and then shift them without force.

93. While you are studying for your examination, your neighbour's children make lot of loud noise while playing and disturb you a great deal. You will
(a) ignore the whole thing and try to focus on your studies
(b) tell other neighbours about these children and the fact they were such rowdy kids
(c) go and shout at the children and threaten them that you will beat them if they make loud noise
(d) go and request the parents of the children to stop them from making such disturbances

90. 'CREAM CRACKER' and 'DIGESTIVE MARIE' are the popular range of biscuits from
(a) Britannia (b) ITC
(c) Nestle (d) Parle

Sol. *(a)* 'CREAM CRACKER' and 'DIGESTIVE MARIE' are the popular range of biscuits from Britannia Company. Based on Bangalore Britannia Industries Limited. is reputed as being one of the top biscuit brands in India. The company was established way back in 1892 and till today has managed to maintain a distinctive position in the Indian biscuit industry specially with its most popular brand called 'TIGER'.

Sol. *(d)* I will go and request the parents of the children to stop them from making such disturbances.

94. While you are walking in the park in front of your house, you observe there are very few good trees in the park. You will
(a) expect other residents to do something about it
(b) plant some trees yourself and request others also to do the same
(c) discuss the situation with other residents and plan some action
(d) try and forget about it

Sol. *(b)* I will plant some more trees myself and will request others also to do the same.

95. While travelling in a bus, you drink a bottle of Coke and will then
(a) push the empty bottle under the luggage of a co-passenger
(b) carry the bottle with you till you find a waste disposal place
(c) throw the empty bottle on the road
(d) look for some lonely place to throw the empty bottle

Sol. *(b)* I will carry the bottle with me till I find a waste disposal place.

96. While travelling on a long journey in a train, you notice a co-passenger not keeping too well and was looking for some help. You will
(a) ask other passenger to assist him as required
(b) change your seat and avoid him
(c) ask other passengers if somebody was a doctor and yourself assist him in whatever way you could
(d) tell him that you were not a doctor so could not help him

Sol. *(c)* I will ask other passengers if somebody was a doctor and I myself assist him in whatever way I can.

ZOLLEGE.in

97. While working as a primary school teacher, you find a poor student is not able to pay his tuition fee. You will

(a) take him to the Principal for strict action

(b) speak to his parents and ask them to pay fee

(c) find the reason for non-payment of fee and then personally help the boy, if needed

(d) punish him severely in front of the whole class

Sol. *(c)* I will find the reason for non-payment of fee and then personally help the boy, if needed.

98. When a new person joins your department in the office, you feel

(a) your boss should call you and introduce him to you

(b) you should go and meet him and help him, if he needs any help

(c) you must ignore him totally

(d) he must come and introduce himself to you

Sol. *(b)* I feel that I should go and meet him and help him, if he needs any help.

99. Your driver, who has worked for you for more than 10 years honestly, wants to quit his job, you will

(a) pay him off immediately and ask him to leave

(b) talk to him nicely and try to find his problem and then act

(c) ask him to leave by the month end

(d) shout at him and call him a cheat

Sol. *(b)* I will talk to him nicely and try to find his problem and then act.

100. In your office, one of your colleagues often takes credit for jobs that you have done, you will

(a) tell him bluntly that he is a dishonest man

(b) inform your boss as to what kind of a man he is

(c) speak to him politely and tell him that such things do not help

(d) tell other colleagues about it to bring his image down

Sol. *(c)* I will speak to him politely and tell him that such things do not help.

101. While shopping in a busy market, one 10 years old child approaches you and says that he is lost. You will

(a) ask the child to approach somebody else, as you are busy

(b) request some shopkeeper to help him, if he can

(c) talk to the child and hand him over to the police

(d) ignore him and continue your shopping.

Sol. *(c)* I will talk to the child and hand him over to the police.

102. When you are having a walk along the sea-shore, you notice a man drowning and shouting for help. You will

(a) draw the attention of others and keep on walking

(b) not like to get involved and continue your walk

(c) go into the water to help him, as you know swimming

(d) raise an alarm and request some other swimmer to help him

Sol. *(c)* I will go into the water to help him as I know swimming.

103. While walking on the road, you find an envelope which contains an Aadhar Card. You will

(a) leave the envelope there only and move on

(b) post the Aadhar Card to the address of its owner

(c) give the envelope to your friend and ask him to deal with it

(d) curse the owner of the card and call him extremely careless

Sol. *(b)* I will post the Aadhar Card to the address of its owner.

104. The office you own, has recently acquired a new software and some employees are not able to work with it efficiently. You will

(a) sack these employees and recruit trained persons

(b) give them a short notice to get trained or leave the job

(c) organise a short training program for these employees

(d) accept some inefficiency and let them continue working

Sol. *(c)* I will organise a short training program for these employees.

105. While receiving your salary, you discover that your employer has paid extra money. You will

(a) not give the money even after employer feels he has paid extra money to you

(b) think that your are lucky and keep the money

(c) return the money immediately to the employer

(d) keep the money, but plan to return the money at a later date

Sol. *(c)* In this case, I will return the money immediately to the employer.

ZOLLEGE.in

.06. While working as a manager in a hotel, you are informed that one of your guest has suddenly become very unwell. You would

(a) ask the guest to go to some doctor

(b) call a doctor and send him to the guest

(c) meet the guest and then urgently call the doctor and help the patient as required

(d) ask your subordinate to deal with it and need not bother you

Sol. *(c)* I would meet the guest and then urgently call the doctor and help the patient as required.

.07. Truly speaking, who among the following do you admire most?

(a) Charles Shobhraj (b) Kapil Dev

(c) Sooraj Pancholi (d) Mother Teresa

Sol. *(d)* Truly speaking, I admire Mother Teresa for her selfless service to the poor and the downtrodden.

108. You are waiting at the bus-stop for your bus when a passerby comes towards you and enquired about an address nearby. You will

(a) inform him bluntly that you are not there to guide everybody around

(b) guide him generally in the direction only

(c) try and explain the route patiently so that he understands

(d) tell him to ask somebody else about it

Sol. *(c)* I will try to explain the route patiently so that he understands it.

109. While you are working in your office, one colleague asks you to help him complete his urgent assignment. You will

(a) tell him that you are busy with your work and it was not feasible to help him also

(b) quickly finish your work and help him as best as you can

(c) tell him that could not he see that you were engrossed with your work

(d) tell him that you would try and help him if possible

Sol. *(b)* I will quickly finish my work and help him as best as I can.

110. When waiting to board a train, you notice an old man struggling with his luggage. You will

(a) ask the old man to seek somebody's help

(b) wait for somebody else to come forward and help him

(c) willingly go to him and help him with his luggage

(d) look the other way and ignore him

Sol. *(c)* I will willingly go to him and help him with his luggage.

111. After having a cup of coffee in a plastic disposable cup at the railway platform, you are unable to see a dustbin around. You will

(a) leave it on the platform and move away

(b) find a place where some muck is lying and throw the cup there

(c) keep it with you till you find a dustbin nearby

(d) throw it on the railway tracks

Sol. *(c)* In this case, I will keep it with me till I find a dustbin.

112. While you are rushing to your office, your immediate neighbour requests you to drop his cheque in the bank, which is located about 500 yards from your office. You will

(a) tell him that it may not be possible immediately, but you may do so in a day or two

(b) take his cheque and drop during the lunch break

(c) tell him that you are not there for these kind of jobs

(d) frankly tell him that it won't be possible for you to do so

Sol. *(b)* I will take his cheque and drop it during the lunch break.

113. When travelling in a train, one of your co-passengers suddenly realises that he has lost his purse and mobile phone. You will

(a) wait for other passengers to react

(b) console him and offer some minor help that you can

(c) ask him to take the help of other passengers

(d) change your seat to avoid him

Sol. *(b)* I will console him and offer some minor help that I can.

114. While you are having a walk on the road with your dog, suddenly your dog barks and injures a man on the road. You will

(a) tell the man that you have no control over your dog

(b) tell the man that you are sorry

(c) console that man and offer him to take him to the nearby hospital

(d) try to run away from the scene

Sol. *(c)* I will console the man and offer him to take him to the nearby hospital.

ZOLLEGE.in

15. Your next door neighbour does not care for his old parents and constantly ignores them. You will

(a) tell other neighbours to do something and help the old parents

(b) discuss this with other neighbours and try to find some way out

(c) politely discuss the topic with the neighbour and offer your help as needed

(d) not bother about it

Sol. *(c)* I will politely discuss the topic with the neighbour and offer my help as needed.

116. While you are working as a manager in the house-keeping department of a 5-star hotel, one day one of your guests gets extremely angry and shouts at the staff for minor lapse. You will

(a) inform him that mistakes can be made by anyone and there is no reason for him to behave like that

(b) tell him to contact your boss and sort the matter out

(c) apologise on behalf of the staff and make amends to satisfy him

(d) tell the guest that you could shout louder than him and he must behave properly

Sol. *(c)* I will apologise on the behalf of the staff and make amends to satisfy him.

117. While you are busy preparing yourself for a job interview after two days, your younger sister requests you to help her solve a Maths question. You will

(a) ask her to contact some friends and seek their help

(b) ask your mother to help her since you have no time to spare

(c) while having your dinner, you will find sometime and help her

(d) bluntly tell her that it is just not possible for you to spare sometime for her

Sol. *(c)* I will find sometime during my dinner and help her.

118. You are going to meet your friend in the evening when your neighbour calls to help him as he is feeling unwell. You will

(a) request him to call somebody else

(b) ask your another neighbour to help him

(c) change your programme to meet your friend and instead help the neighbour

(d) ask him to wait till your return

Sol. *(c)* I will change my programme to meet my friend and instead help the neighbour.

119. You are travelling in a reserved compartment on a journey from Delhi to Lucknow, when an old man approaches you to help him as he had no reservation, but had to travel due to an emergency. You will

(a) ask him to request some other passenger to help him

(b) request the rail authorities in the train to help him out

(c) tell him that it is none of your business to accommodate him

(d) agree to share your berth with the man, if needed

Sol. *(d)* I will agree to share my berth with the man, if needed.

120. When your preparations for board exams of class 12th are in progress, one of your friends asks you to help him out solve a few questions. You will

(a) tell him that since you have to revise so much, you have no time

(b) request him to check with some other friend and go to him

(c) adjust your timing in such a way that you can also help him

(d) avoid talking to him

Sol. *(c)* I will adjust my timing in such a way that I can also help him.

121. You and your brother are staying in a joint family. Your brother wishes to stay away from your parents. You will

(a) request your brother not to separate, as you both have to look after your parents in their old age

(b) continue to stay with your parents even if your brother separates

(c) ask some other close relatives to convince your brother not to separate

(d) opt yourself to stay separately before your brother separates

Sol. *(a)* I will request my brother not to separate as we both have to look after our parents in their old age.

122. Which of the following is considered to be one of the most desirable quality for a person working in service sector?

(a) Good health

(b) Team work

(c) Helping attitude

(d) Patience

Sol. *(c)* For a person, who is working in service sector, the most desirable quality that he should have is helping attitude.

ZOLLEGE.in

123. While working as a teacher, you find one student is not able to cope with the lessons. You will
(a) take him to the Principal
(b) tell his parents to deal with him
(c) speak to him separately and find out his problem
(d) punish him severely in front of the whole class

Sol. *(c)* I will speak to him separately and find out his problem.

124. While travelling in a train, you observe a co-passenger drops a hundred rupee not. You will
(a) ignore the incident and mind your business
(b) take the note and handover to the passenger who dropped it
(c) keep the note in your pocket as if you had found it
(d) make a noise and tell the passenger that he had dropped the note

Sol. *(b)* I will take the note and hand it over to him soon.

125. While you are about to cross a major crossing, you notice a blind man struggling to cross the road. You will
(a) ask a young boy to help him cross the road
(b) go and catch his hand and help him cross the road
(c) curse the blind man and say why should he come to such busy roads
(d) continue to go your way and ignore him

Sol. *(b)* I will go and catch his hand and help him cross the road.

126. When you reach your home after your office in the evening, you find your immediate neighbour has parked his car in the slot earmarked for you. You will
(a) call him and shout at him to make him realise his mistake
(b) call him and politely tell him that perhaps by mistake he has parked his car in your slot
(c) park your car in such a way that he cannot take out his car
(d) tell your other neighbours that how stupid is your immediate neighbour and that he has no manners

Sol. *(b)* I will call him and politely tell him that perhaps by mistake he has parked his car in my slot.

127. While you work sincerely in your office and deliver goods, your boss never appreciates your work. You will
(a) confront your boss and tell him infront of others that he is very unfair
(b) stop working and look for another job
(c) continue to work hard and perform your duty to show better results
(d) meet him separately and tell him that you are doing your work to the best of your ability

Sol. *(c)* I will continue to work hard and perform my duty to show better results.

128. Everyday morning when you leave your room for your office, you
(a) leave your room in a mess and go to office
(b) tell your younger brother to arrange your room
(c) always put all things at their right places
(d) expect other family members to organise your room

Sol. *(c)* I always put all things at their right places.

129. You observe two of your neighbours are having a heated argument in front of your house. You will
(a) go to your immediate neighbour and ask him to intervene
(b) tell your other neighbours how stupid are the people who are fighting
(c) remain indoors and close your main door
(d) go and ask them to cool down and resolve the matter in an amicable manner

Sol. *(d)* I will go and ask them to cool down and resolve the matter in an amicable manner.

130. In the market, you observe a boy is driving his car rashly and hits a poor labourer, who is going on his cycle. Subsequently, the boy starts hitting the labourer blaming him. You will
(a) start shouting and hitting the boy to save the labourer
(b) ignore the accident and mind your business
(c) stop the boy from hitting the labourer and ask him to pay some money to get his cycle repaired and arrange medical aid
(d) also join the boy to abuse and humiliate the labourer

Sol. *(c)* I will stop the boy from hitting the labourer and ask him to pay some money to get his cycle repaired and arrange medical aid.

131. Your company asks you to work in another department of company, which you do not like. You will
(a) perform most inefficiently to show your disgust
(b) try to go back to your old department
(c) start avoiding your work and ask for leave frequently
(d) try to get used to the new work environment and adjust

Sol. *(d)* I will try to get used to the new environment and adjust.

ZOLLEGE.in

151. (a) Cureable (b) Currency
(c) Campaign (d) Chronicle

Sol. *(a)* Wrongly spelt word is 'cureable' which should be written as 'curable', means 'that can be treated'.

152. (a) Heritage (b) Ecstasy
(c) Glimpse (d) Discription

Sol. *(d)* 'Discription' is the wrong spelling. It should be 'Description', means 'describing something'.

153. (a) Numismatics (b) Nuisence
(c) Nucleus (d) Numerous

Sol. *(b)* 'Nuisence' is wrongly spelt word. It should be 'Nuisance'. Its meaning is 'to irritate'.

154. (a) Retreive
(b) Rheumatism
(c) Reprieve
(d) Reverberate

Sol. *(a)* 'Retreive' is wrongly spelt word. It should be 'Retrieve' which means 'to get back the access'.

DIRECTIONS (Q. Nos. 155-159) *Choose the word which is opposite in meaning of the underlined word.*

155. Nourishing food is a necessity for a pregnant woman.
(a) Unwholesome (b) Poor
(c) Undercooked (d) Heavy

Sol. *(a)* 'Nourishing' means 'something that is nutritious'. So, its antonym will be 'unwholesome' which means 'not being nutritious'.

156. A feeling of brotherhood should be propagated amongst the masses.
(a) Disseminated (b) Suppressed
(c) Dissipated (d) Crushed

Sol. *(b)* 'Propagate' means 'to spread' or 'to carry forward'. Hence, its opposite will be 'suppressed' which means 'to conceal' or 'to hide'.

157. We must realise the futility of wars.
(a) Urgency (b) Usefulness
(c) Value (d) Importance

Sol. *(b)* 'Futility' means 'having no use'. So, 'usefulness' is its antonym.

158. His punctuality and regularity propitiates everyone with whom he deals.
(a) Depresses (b) Excites
(c) Enrages (d) Appeases

Sol. *(a)* 'Propitiate' means 'To invite favourable remarks'. Hence, going with the context, 'depresses' is the correct antonym which means 'making frustrated.'

159. The problem of dowry in our country has assumed gargantuan proportions.
(a) Negligible (b) Bearable
(c) Minute (d) Minimal

Sol. *(c)* 'Gargantuan' means 'very big in size' or 'colossal' or 'huge'. Hence, its opposite will be 'minute' which means 'tiny' or 'very small'.

DIRECTIONS (Q. Nos. 160-164) *In each of the following questions, choose the option which can be substituted for the given words/sentence.*

160. One who plays a game for pleasure and not professionally
(a) Veteran (b) Player
(c) Connoisseur (d) Amateur

Sol. *(d)* One who does something out of his pleasure is called an 'amateur'.
e.g. Einstein was an amateur violin player.

161. A light sailing boat built especially for racing
(a) Dinghy (b) Canoe
(c) Yacht (d) Frigate

Sol. *(c)* A racing boat is called 'yacht'.
e.g. Many a film are including the scenes pertaining to yacht.

162. A house for storing grains
(a) Cellar (b) Store
(c) Godown (d) Granary

Sol. *(d)* 'Granary' is a house for storing grains.
e.g. FCI is planing to open a granary in all the districts of the country.

163. The place where bricks are baked
(a) Foundry (b) Mint
(c) Cemetery (d) Kiln

Sol. *(d)* 'Kiln' is the place where bricks are laid.
e.g. A large area of farmland is giving way to kiln.

164. A person pretending to be somebody he is not
(a) Imposter (b) Liar
(c) Rogue (d) Magician

Sol. *(a)* 'Imposter' is a person who pretends to be someone he is actually not.
e.g. An imposter in the name of a bank official called me yesterday to ask me my credentials.

ZOLLEGE.in

IRECTIONS (Q. Nos. 165-169) *In each of the following questions, find out which part of the sentence has an error. If there no mistake, the answer is 'No error'.*

65. Walking in the park one spring afternoon, (A) a dog came running from behind (B) and bit him in the right leg. (C) No error (D)

(a) A (b) B (c) C (d) D

Sol. *(a)* 'Use while' in part A. The syntax will be correct with the use of 'while'.

66. During their trial in the lower court, (A) it was proved that the five accused (B) did not carry any espionage activity. (C) No error. (D)

(a) A (b) B (c) C (d) D

Sol. *(c)* 'Did not carry' should be replaced by 'had not carried'. When the first clause is in simple past, then the sentence part which denotes the earlier action is kept in past perfect.

67. The Minister had requested for booking only two rooms (A) one on the third floor for his staff (B) and the other on the ground floor for himself. (C) No error. (D)

(a) A (b) B (c) C (d) D

Sol. *(a)* 'For booking' is wrongly used here. It should be replaced by 'to book' which rectifies the syntax.

68. Do you want (A) that I come with you (B) or do you want to go alone? (C) No error (D)

(a) A (b) B (c) C (d) D

Sol. *(b)* 'That I' is the wrong usage. Here, the part of the sentence should be 'me to come' as the sentence needs an objective case.

69. Unemployment is very high at the moment (A) and it's very difficult (B) for the people to find work. (C) No error. (D)

(a) A (b) B (c) C (d) D

Sol. *(a)* 'At the moment' is used for a very short period which lasts the least. So, it is inappropriate to be used. Hence, it should be replaced by 'at present' which makes it correct.

IRECTIONS (Q. Nos. 170-174) *Choose the order of the sentences marked A, B, C and D to form a logical paragraph.*

170. A. Its aim was to remove from dance, any external associations, so that the dancers could concentrate on pure movement and pure pattern.

B. Abstract dance was the name of a specific style of ballet, devised in the 1920s and developed at the bahaus.

C. Ballroom dancing, e.g. is concerned with the pleasure the movement and pattern-making give to the dancers and not with some external 'programme'.

D. In the wider sense, a great deal of dance is 'abstract'.

(a) DBAC (b) BADC (c) BDCA (d) BDAC

Sol. *(a)* DBAC

171. A. In those countries where the ideals of liberty and equality have received the greatest devotion and particularly in America, the political Constitution has been framed with the precise object of making impossible too great a concentration of power.

B. A philosophy that emphasises the likeness of all men will be averse from recognising those exceptional qualities in any individual which place him so clearly above his fellows that he may justly claim to lead and influence them.

C. A different though related strand of thought is equalitarian.

D. Further, when circumstances make it necessary for a particular individual to display qualities of leadership in a very high degree, his position is under constant and bitter attack on the score of dictatorship, and it is necessary for him to conceal his qualities, consciously, behind a facade of 'ordinariness'.

(a) CBAD (b) CABD (c) CDAB (d) DCAB

Sol. *(c)* CDAB

ZOLLEGE.in

172. A. It has removed many of the material obstacles to the pursuit of the good life from the majority of mankind in those countries at a high level of technical development.

B. But it has exposed us to new dangers, not the obvious dangers of new weapons of destruction, but the much more serious ones of a purely materialist view of life.

C. The growth of science and technology has conferred obvious and immense benefits upon the community.

D. It has also, as we too often forget, made possible new and daring adventures of the mind.

(a) CADB (b) ABDC
(c) ACBD (d) CDBA

Sol. *(a)* CADB

173. A. There are manifest dangers in the persuasive aspect of leadership.

B. It is alarming, e.g. to reflect how great a part the power to speak well has acquired in an age of broadcasting.

C. It is quite possible for men to feel that they are freely giving their allegiance to a leader, when actually they are simply slaves of his techniques of propaganda.

D. At its lowest, the technique of persuasion may involve all those devices of suggestion and propaganda which are so freely available to the unscrupulous in a scientific age.

(a) ABDC (b) ACBD
(c) CDBA (d) ADBC

Sol. *(b)* ACBD

174. A. The leader should possess high intelligence.

B. The reasons for this frequent neglect of intelligence as a prerequisite of leadership are complex.

C. It is certainly true to say that this is more commonly underrated than any other aspect of leadership.

D. There is first, a very general misunderstanding of such a phrase as 'of very high intelligence'.

(a) ABCD (b) ACBD (c) DABC (d) DBAC

Sol. *(d)* DBAC

DIRECTIONS (Q. Nos. 175-179) *Choose the word/phrase nearest in meaning to the underlined part.*

175. The operation was touch and go as new complications arose and were solved.

(a) safe (b) risky
(c) easy (d) quick

Sol. *(b)* 'Touch and go' has the meaning of 'risky'.

e.g. The batsman would be in a touch and go situation had the ball hit the stumps.

176. My friend got the sack from his first job.

(a) got tired of (b) was demoted from
(c) resigned (d) was dismissed from

Sol. *(d)* 'Getting the sack from' means 'to be dismissed from job'.

e.g. The employee got the sack from his job due to his bad behaviour.

177. In these days of rising prices, we are paying through our nose.

(a) paying dearly
(b) reducing our purchases
(c) buying on credit
(d) paying in instalments

Sol. *(a)* 'Paying through one's nose' means 'to pay dearly'. e.g. These days, parents are paying through their nose for the education of their child.

178. The police fired at random at the violent crowd and several persons lost their lives.

(a) pointedly (b) aimlessly
(c) unwillingly (d) intentionally

Sol. *(b)* 'At random' means 'aimlessly'.

e.g. When I got sad in my school days, I used to roam at random in the garden.

179. He resigned the post on his own accord.

(a) according to his judgement
(b) which he liked
(c) voluntarily and willingly
(d) according to his convenience

Sol. *(c)* 'On one's own accord' means 'to do voluntarily and willingly'.

e.g. It is heard that he had left the job on his own accord, but I am of the opinion that he had done it under pressure.

DIRECTIONS (Q. Nos. 180-184) *Choose the word which is nearest in meaning to the underlined word.*

180. We arrived safely at the quay and went ashore.

(a) peninsula (b) wharf
(c) target (d) island

Sol. *(b)* 'Quay' and 'wharf' are the synonyms which mean 'an edge made up of wood which is used in getting down from the boat.' e.g. When I went for boating yesterday, I slipped from the quay and fell into the lake.

181. Editors are known to be pernickety about grammar.

(a) spiteful (b) careless
(c) fussy (d) ignorant

Sol. *(a)* 'Pernickety' means 'spiteful' which is being very particular about something.'

e.g. A sportsman must be very pernickety about his fitness.

ZOLLEGE.in

182. I rather like the quaint little house at the end of the street.

(a) old (b) quiet
(c) haunted (d) unusual

Sol. *(a)* 'Quaint' means 'old' or 'antique' architecture.

e.g. If you want to see the quaint architecture, then you should move to Rajasthan.

183. Some of the discoveries of modern science are simply marvellous.

(a) praiseworthy
(b) commendable
(c) amazing
(d) admirable

Sol. *(c)* 'Marvellous' means 'amazing'.

e.g. Rich people live in marvellous and cozy homes.

184. The football coach had a sympathetic presence, albeit a commanding one.

(a) although
(b) furthermore
(c) because
(d) not only

Sol. *(a)* 'Albeit' means 'although'.

e.g. He has amassed an amount of remarkable worth, albeit he is not happy at all.

DIRECTIONS (Q. Nos. 185-200) *Study the passages below to answer the questions that follow passage.*

PASSAGE-I

The composer Wolfgang Amadeus Mozart's remarkable musical talent was apparent even most children can sing a simple nursery rhyme. Wolfgang's older sister Maria Anna (whose family called Nannerl) was learning the clavier, an early keyboard instrument, when 3 years old brother took an interest in playing. As Nannerl later recalled, "Wolfgang often much time at the clavier picking out thirds, which he was always striking and his pleasure showed that it sounded good".

Their father Leopold, an assistant concert master at the Salzburg of recognised his children's unique gifts and soon devoted himself to their musical education. But Salzburg, Austria, on 27th January, 1756, Wolfgang had composed his first original work by age Leopold planned to take Nannerl and Wolfgang on tour to play before the European courts. Their venture was to nearby Munich where the children played for Maximillian III Joseph elected Bavaria.

Leopold soon set his sights on the capital of the Hapsburg Empire,Vienna. On their way Vienna, the family stopped in Linz, where Wolfgang gave his first public concert. By this Wolfgang was not only a virtuoso harpsichord player, but he had also mastered the violin audience at Linz, was stunned by the 6 years old, and word of his genius soon travelled to Vienna a much anticipated concert, the Mozart children appeared at the Schonbrunn Palace on October 1762.

They utterly charmed the Emperor and Empress. Following this success, Leopold was inundated with invitations for the children to play for a fee. Leopold seized the opportunity and booked as I concerts as possible at courts throughout Europe.

A concert could last 3 hours and the child played at least 2 in a day. Today, Leopold might be considered the worst kind of stage parents at the time, it was not uncommon for prodigies to make extensive concert tours. Even so, it was exhausting schedule for a child who just past the age of needing an afternoon nap.

185. According to the passage, Wolfgang became interested in music because

(a) his father thought it would be profitable
(b) he had a natural talent
(c) he saw his sister learning to play an instrument
(d) he came from a musical family

Sol. *(c)* According to the passage, Wolfgang became interested in music because he saw his sister learning to play an instrument.

186. What was the consequence of Wolfgang's first public appearance?

(a) He charmed the Emperor and Empress of Hapsburg
(b) Word of Wolfgang's genius spread to the capital
(c) Leopold set his sights on Vienna
(d) Invitations for the miracle children to play poured in

Sol. *(b)* Wolfgang's first public appearance lead him to capital where his genius was in vogue.

187. Each of the following statements about Wolfgang Mozart is directly supported by the passage'except

(a) Mozart's father, Leopold, was instrumental in shaping his career
(b) Maria Anna was a talented musician in her own right
(c) Wolfgang's childhood was devoted to his musical career
(d) Wolfgang preferred the violin than other instruments

Sol. *(b)* About Wolfgang, it is not directly supported in the passage that Maria Anna was a talented musician in her own right.

ZOLLEGE.in

88. According to the passage, during Wolfgang's early years, child prodigies were
(a) few and far between
(b) accustomed to extensive concert tours
(c) expected to spend at least 6 hours in a day practising their music
(d) expected to play for courts throughout Europe

Sol. *(a)* According to the passage, during early years of Wolfgang, child prodigies were few and far between.

189. Based on information found in the passage, Mozart can best be described as
(a) a child prodigy
(b) a workaholic
(c) the greatest composer of the 18th century
(d) a victim of his father's ambition

Sol. *(d)* Based on the information found in the passage, Mozart can be described as a victim of his father's ambition.

PASSAGE-II

Book clubs are a great way to meet new friends or keep in touch with old ones, while keeping up on your reading and participating in lively and intellectually stimulating discussions. If you're interested in starting a book club, you should consider the following options and recommendations.

The first thing you'll need is members. Before recruiting, think carefully about how many people you want to participate and also what the club's focus will be. e.g. some book clubs focus exclusively on fiction, others read nonfiction.

Some are even more specific, focusing only on a particular genre such as mysteries, science fiction, or romance. Others have a more flexible and open focus. All of these possibilities can make of a great club, but it is important to decide on a focus at the outset so the guidelines will be clear to the group and prospective member.

After setting the basic parameters, recruitment can begin. Notify friends and family, advertise in the local newspaper, and hang flyers on bulletin boards in local stores, colleges, libraries, and bookstores. When enough people express interest, schedule a kick-off meeting during which decisions will be made about specific guidelines that will ensure the club runs smoothly.

This meeting will need to establish where the group will meet (rotating homes or a public venue such as a library or coffee shop); how often the group will meet, and on what day of the week and at what time; how long the meetings will be; how books will be chosen and by whom, who will lead the group (if anyone); and whether refreshments will be served and if so, who will supply them. By the end of this meeting, these guidelines should be set and a book selection and date for the first official meeting should be finalised.

Planning and running a book club is not without challenges, but when a book club is run effectively, the experience can be extremely rewarding for everyone involved.

190. Which of the following organisational patterns is the main one used in the passage?
(a) Chronological (b) Hierarchical
(c) Comparison contrast (d) Cause and effect

Sol. *(a)* Organisational pattern of the passage is chronological.

191. According to the passage, when starting a book club, the first thing a person should do is to
(a) hang flyers in local establishments
(b) put an ad in a local newspaper
(c) decide on the focus and size of the club,
(d) decide when and where the group will meet.

Ans *(c)* According to the passage, when starting a book club, the first thing a person should do, is to decide on the focus and size of the club.

192. Which of the following would not be covered during the book club's kick-off meeting?
(a) Deciding on whether refreshments will be served.
(b) Discussing and/or appointing a leader
(c) Choosing the club's first selection
(d) Identifying what kind of books or genre will be the club's focus

Sol. *(c)* Choosing the club's first selection would not be covered during the book club's kick-off meeting.

193. A good title for this passage would be
(a) Book Clubs ; A Great Way to Make New Friends
(b) Starting a Successful Book Club : A Guide
(c) Five Easy Steps to Starting a Successful Book Club
(d) Reading in Groups Sharing Knowledge, Nurturing Friendships

Sol. *(b)* A good title would be 'Starting a Successful Book Club : A Guide'.

194. Which of the following is not something that successful book clubs should do?
(a) Focus exclusively on one genre
(b) Have guidelines about where and when to meet
(c) Have a focus
(d) Decide how to choose and who will choose book selections

Sol. *(a)* A successful book clubs should not focus exclusively on one genre.

ZOLLEGE.in

195. Which of the following inferences can be drawn from the passage?
(a) Smaller groups are better for a variety of reasons
(b) The social aspect of book clubs is more important than the intellectual
(c) Starting your own book club is better than joining an existing one
(d) When starting and running a book club, a casual approach is risky

Sol. *(b)* The inference that can be drawn from the passage is that the social aspect of book club is more important than the intellectual.

PASSAGE-III

oday, the import duty on a complete machine is 35% for ll practical purposes, whereas the import duty on the aw materials and components range from 40%-85%. The tory does not end here. After paying such high duties on omponents, once a machine is made; it is subjected to xcise duty from 5%-10%. At the time of sale, the machine ools are subjected to further taxation, i.e. Central sales axes and State sales taxes which range from 4%-16%. This much for the tax angle. Another factor which pushes he cost of manufacturing of machine tools is the very high rate of interest payable to banks ranging up to 16%, as against 4%-7% prevailing in other advanced countries. The machine tools industry in India has an enviable record of very quick technology absorption, assimilation and development.

There are a number of success stories about how machine tool builders were of help to the most critical times. It will be a pity, in fact a tragedy, if we allow this industry to die and disappear from the scene. It may be noted that India is at least 6000 km away from any dependable source of supply of machine tools. The Government of India has always given a great deal of importance to the development of small scale and medium scale industries.

This industry has all performed pretty well. Today, they are in need of help from India's machine tool industry to enable them to produce quality components at reduced costs. Is it anybody's case that the needs of the fragile sector will be met from a distance of 6000 km? Then, what is it that the industry expects from the Government? It wants a level playing field. In fact, all of us must have a deep introspection and recognise the fact that the machine tool industry has a very special place in the country from the point of strategic and vital interests of the nation.

196. Consider the following statements
1. The machine tool industry a has a very meagre role to play in India.
2. The performance of the small scale industry can be further improved with the help from the Indian machine tool industry.

Which of the statements given above is/are correct?
(a) Only 1 (b) Only 2
(c) Both 1 and 2 (d) Neither 1 nor 2

Sol. *(b)* Only 2 statement is correct.

197. Which of the following best explains the sentence "It wants a level playing field?
The machine tool industry in India
(a) needs liberalised policy to import the desired components at a low cost
(b) needs land at subsidised rate
(c) needs electricity at subsidised rate
(d) wants to adopt novel marketing strategies for sales promotion

Sol. *(a)* "It wants a level playing field" has the meaning that the machine tool industry in India needs liberalised policy to import the desired components at a low cost.

198. Which one of the following is the correct statement?
(a) The Government of India has taken due notice of the problems of the machine tool industry
(b) The Government of India has not taken sufficient measures to help the machine tool industry
(c) India should not waste its precious resources on the production of machine tools
(d) Banks in other countries are running in loss owing to a low interest rate

Sol. *(b)* The correct statement is that the Government of India has not taken sufficient measures to help the machine tool industry.

199. According to the passage, all the following factors are responsible for high cost of machine tools in India, except
(a) sales tax
(b) excise duty
(c) higher duty on components
(d) high profit margin of the manufacturers

Sol. *(d)* According to the passage, high profit margin of the manufacturers is not the responsible factor for high cost of machine tools in India.

200. Why do small and medium scale industries look for help from India's machine tool industry?
1. To compete with the IT sector.
2. To produce components at lower cost without sacrificing quality.

Select the correct answer using the codes given below
(a) Only 1 (b) Only 2
(c) Both 1 and 2 (d) Neither 1 nor 2

Sol. *(b)* Only statement 2 is correct here.

ZOLLEGE.in