

SNAP 2015 Question Paper

Time Allowed :2 Hours	Maximum Marks :150	Total questions :150
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General Instructions

SNAP 2015 – INSTRUCTIONS TO CANDIDATES

1. No clarification on the Question Paper will be entertained.
2. There are 60 MCQs; attempt all.
3. Each question carries 1 mark; total marks = 150.
4. Negative marking: -0.25 mark for each wrong answer.
5. Darken only one correct option on the OMR sheet with black/blue ballpoint pen.
6. Multiple or incorrect marking methods will be treated as wrong.
7. Do not write anything on the OMR except required details.
8. Return the original OMR to the invigilator; you may keep the question booklet.
9. Use of unfair means will result in cancellation; impersonation is a criminal offence.
10. No electronic devices allowed inside the test hall.
11. Do not leave before the end of the test.

General Awareness

Q1. The full form of CSIRO is

- (A) Comprehensive Scientific and Industrial Research Organization
 - (B) Cross-cultural Scientific and Industrial Research Organization
 - (C) Commonwealth Scientific and Industrial Research Organization
 - (D) Council of Scientific and Industrial Research Organization
-

Q2. The full form of UNRISD is

- (A) United Nations Research Institute for Soviet Development
 - (B) United Nations Research Institute for Scientific Development
 - (C) United Nations Research Institute for Socio-economic Development
 - (D) United Nations Research Institute for Social Development
-

Q3. Bhaona is a presentation of the Ankia Naat of Assam. In Bhaona, the cultural glimpses of _____ are reflected.

- (A) Assam and Orissa
 - (B) Bengal
 - (C) Mathura and Brindavan
 - (D) All of the above
-

Q4. Under which Act does the Archaeological Survey of India (ASI) protect monuments, sites and remains of national importance?

- (A) AMASR Act, 1958
- (B) AMASR Act, 1968
- (C) AMASR Act, 1978
- (D) AMASR Act, 1948

Q5. In 2015 the President of India approved conferment of Padma Awards to all of the following but for -----

- (A) Kharag Singh Valdiya
- (B) Mohammad Yusuf Khan
- (C) Lakshmi Gopala Naidu
- (D) Saichiro Misumi

Q6. In Grammy Awards 2015 the best folk album was won by -----

- (A) Pharrell Williams – "Happy"
- (B) Old Crow Medicine Show – Remedy
- (C) Rosanne Cash – The River & the Thread
- (D) None of the above

Q7. Scientists discovered a new species in the human family tree which is a small creature with a tiny brain. The new species has been named as -----

- (A) Homo Naledi
- (B) Dwarf Sapein
- (C) Dwarf Homo Sapein
- (D) None of the above

Q8. The Ministry of External Affairs has recently decided to change the nomenclature of Indian Based Domestic Assistance (IBDA) to -----

- (A) Government Serving Based Domestic Assistance (GSBDA)
- (B) Swadesh Swatcha Domestic Assistance (SSDA)
- (C) Service Staff (SS)

(D) Bharath Based Service Assistance (BBSA)

Q9. The foreign exchange reserve of India consists of _____

- (A) The foreign currency assets held by RBI and the gold holding of RBI
 - (B) The gold holding of RBI and special drawing rights
 - (C) The gold holding of RBI, the foreign currency assets held by RBI and special drawing rights
 - (D) Only the foreign currency assets held by RBI
-

Q10. _____ is a charge for converting bullion into coins where free coinage is permitted. This charge is equal to the cost of bullion to coins transformation.

- (A) Bull-Coin
 - (B) Brassage
 - (C) Bit Coin
 - (D) Coin Levy
-

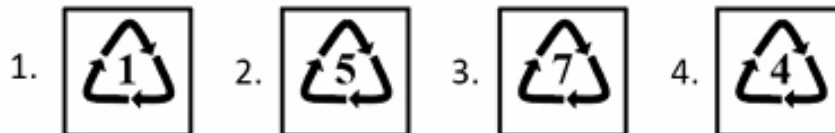
Q11. Microsoft introduced several new products for education customers, this includes a notetaking app called _____

- (A) Office Note classroom
 - (B) Micro Note class Notebook
 - (C) Soft note for classroom
 - (D) One Note class Notebook
-

Q12. The National Merit Scholarship Scheme, which provided financial assistance to meritorious students from Class XI to Post-Graduation level in Government Schools/Colleges/Universities has been discontinued from the year _____

- (A) 2009
 - (B) 2008
 - (C) 2007
 - (D) None of the above
-

Q13. The symbol used for reusable microwaveable plastic ware is -----



- (A) 1
 - (B) 2
 - (C) 3
 - (D) 4
-

Q14. The agency that estimates national income in India is

- (A) RBI
 - (B) Central Statistics Organisation
 - (C) Planning Commission
 - (D) Central Statistic Organisation
-

Q15. Super Blood Moon, which is a rare astronomical phenomenon, hasn't happened since -----, and won't happen again until -----

- (A) 1982, 2033
- (B) 1980, 2035
- (C) 1978, 2032
- (D) 1975, 2031

Q16. The galaxy ----- was initially discovered with NASA's Spitzer Space Telescope in infrared light and is believed to be at least 9 billion years old.

- (A) Andromeda
- (B) Cosmos Redshift
- (C) SAGE0536AGN
- (D) Sunflower

Q17. In the year 2014 Facebook bought Whatsapp for ----- US Dollars.

- (A) 17 billion
- (B) 18 billion
- (C) 19 billion
- (D) 20 billion

Q18. Shri Narendra Modi was sworn in as the Prime Minister of India on ----- at the Rashtrapati Bhavan in New Delhi.

- (A) 25th May 2014
- (B) 19th May 2014
- (C) 26th May 2014
- (D) 27th May 2014

Q19. Where is the doldrums belt located?

- (A) Near the Equator
- (B) Near the Poles
- (C) Near the Tropic of Cancer
- (D) Near the Tropic of Capricorn

Q20. The air quality in Singapore deteriorated to a hazardous level in September 2015, forcing the city-state to shut its schools for the first time in 12 years. This was due to

- (A) Haze created mainly due to companies in Malaysia
- (B) Haze created mainly due to companies in Indonesia
- (C) Haze created mainly due to companies in Philippines
- (D) Haze created mainly due to companies in Vietnam

Q21. In 1347 during the reign of Muhammed Tughlaq an Afghan officer named _____ set up an independent kingdom called Bahmani Kingdom.

- (A) Mahmud Gawan Bahmani
- (B) Mohammad Yusuf Bahmani
- (C) Hasan Gangu Bahmani
- (D) Khwaja Tughlaq Bahmani

Q22. The task of consolidating Mughal Kingdom was left to Akbar who was only _____ years old at the time of his accession of the throne.

- (A) Eleven Years
- (B) Twelve Years
- (C) Thirteen Years
- (D) Fourteen Years

Q23. Smoking in public places was prohibited nationwide from _____

- (A) 15th August 2008
- (B) 2nd October 2008
- (C) 15th August 2009

(D) 2nd October 2009

Q24. A constitutional right can be _____ recognized and established by a sovereign State or union of States.

- (A) a prerogative or a duty or a restraint of power
- (B) a prerogative or a duty, a power or a restraint of power
- (C) a prerogative or a duty, a power but not a restraint of power
- (D) a power but not a prerogative or a duty

Q25. In Nepal the festival of lights i.e. Diwali is celebrated by some Buddhists as _____

- (A) Tihar
- (B) Swanti
- (C) Both options a and b
- (D) Neither of the options above

Q26. The term "Vrajapati" used in Indian Mythology denoted _____

- (A) The Head of the Village
- (B) The Head of the Family
- (C) The Head of a Society
- (D) The Head of a City

Q27. One of India's most distinguished constitutional lawyers who had received brickbats for arguing in favor of Dow Chemicals in the Bhopal gas disaster case is _____

- (A) Ram Jethmalani
- (B) Fali Nariman
- (C) Mukul Rohatgi

(D) Pramila Nesargi

Q28. The Nobel Peace Prize winner who gave up freedom and a life with her family in Britain, to protest against the military rule at another country, who is also the Chair of the National League for Democracy is -----

- (A) Angela Merkel
 - (B) Christine Lagarde
 - (C) Brito Polman
 - (D) Aung San Suu Kyi
-

Q29. In September 2015 it was revealed that ----- is the country which was exporting drone components worth hundreds of millions to countries that include Saudi Arabia and South Korea, to regain lost ground in a global arms race.

- (A) France
 - (B) United Kingdom
 - (C) Japan
 - (D) USA
-

Q30. In the Indian general assembly elections 2014 the BJP-led NDA won ----- seats out of ----- Lok Sabha seats that were announced.

- (A) 335546
 - (B) 334545
 - (C) 336543
 - (D) 331544
-

Q31. The BS EN 16001 solutions from BSI is applicable for -----

- (A) Energy Management Systems
 - (B) Environment Management Systems
 - (C) Energy Process Systems
 - (D) Environment Standard Systems
-

Q32. The WEEE (Waste from Electrical and Electronic Equipment) is a directive that controls _____

- (A) how electric and electronic equipment is handled and recycled
 - (B) how electric and electronic equipment is manufactured and handled
 - (C) how electric and electronic equipment is recycled
 - (D) how electric and electronic equipment is manufactured, handled and recycled
-

Q33. The Sensex and Nifty are both indices. The base years for the BSE Sensex and Nifty are _____ and _____ respectively.

- (A) 1980-81 and 1990
 - (B) 1990-91 and 2000
 - (C) 1978-79 and 1995
 - (D) 2000-01 and 2004
-

Q34. The artist who painted *Irises*, *Sunflowers*, *Red Poppies*, *Pink Roses* was _____

- (A) Vincent van Gogh
 - (B) Sandro Botticelli
 - (C) Leonardo da Vinci
 - (D) Michelangelo
-

Q35. Which Indian satellite was launched that has a fantastic timing and records 1000th of a second?

- (A) GSAT-16
 - (B) IRNSS-ID
 - (C) GSAT-6
 - (D) Astrosat
-

Q36. W3C stands for _____

- (A) Triple Web Consortium
 - (B) Triple Web Consolidation Council
 - (C) World Wide Web Consortium
 - (D) World Wide Web Company
-

Q37. The country/countries that has/have resorted to Quantitative Easing in the last decade is/are _____

- (A) United States of America
 - (B) United Kingdom
 - (C) Japan
 - (D) All of the above
-

Q38. Who is the Indian badminton player who after spending a year after his shoulder injury earned a final appearance at the Korean Open in 2015?

- (A) Chetan Anand
 - (B) Ajay Jayaram
 - (C) Parupalli Kashyap
 - (D) Sameer Verma
-

Q39. Tamaasha, the traditional folk theatre form of Maharashtra, has evolved from the folk forms of _____

- (A) Gondhal, Jagran and Kirtan
 - (B) Only Kirtan
 - (C) Only Gondhal, Jagran
 - (D) Only Gondhal
-

Q40. The last series of wall painting in India are from near Hindupur belonging to 16th century A.D.

- (A) Lepakshi temple
 - (B) Shiva temple
 - (C) Sri Venkateswara Swami Temple
 - (D) Ganesh Temple
-

Reasoning

Q41. A bungalow has one of its rooms on the first floor and there are three identical 100-watt electrical bulbs fixed in the room. Each bulb is connected to a specific switch located at the basement. There are only three switches in the basement. All the bulbs are switched off at present and you are also at the basement area. The first floor cannot be seen from the basement area. If you are allowed to use your common prudence, what is the minimum number of times that you will have to go from basement to first floor to identify which switch goes to which bulb?

- (A) 3 times
 - (B) 20 times
 - (C) 1 time
 - (D) 6 times
-

Q42. Shyam is running a start-up. His initial investments are high and he is trying hard to manage and increase his cash flow. The sundry expenses that his firm incurs is negligible. He

found from his accountant that the amount of pre-paid expenses in the balance sheet, which were booked from the previous year to the current year was increased. Shyam also ensured that his cash funded by the venture capitalists did not reduce when compared to the previous year. The interest that he gets from his fixed deposits increases, which is in tune with his sundry expenses. The final effect on cash for this year would be -----.

- (A) Cash flow marginally increases
- (B) Cash flow exponentially increases
- (C) Cash flow remains the same
- (D) None of the above

Q43. A producer must schedule six plays: “Made in India” (MI), “Laugh for a while” (LF), “The Life is your choice” (TL), “MBA - Maha Budhiman Aadmi” (MBA), “Placements - my goal” (PL), and “MBA Go Getters” (GG). The criteria are:

- I. MI must be shown before TL and before LF.
- II. LF must be shown before MBA.
- III. PL must be shown after TL and after GG.

Which schedule fits all criteria?

- (A) MI, LF, TL, MBA, PL, GG
- (B) GG, MI, LF, TL, PL, MBA
- (C) MI, GG, PL, LF, MBA, TL
- (D) MI, GG, MBA, TL, PL, LF

Q44. Mr. Peter gave his eldest son David a bag with 1000 gold coins. David took 230 coins from the bag and gave the rest to his younger brothers John, Joe and Jonathan, and advised them to distribute the balance in proportion to their ages whose *sum* is 17.5 years. After discussion they decided to distribute using the following rule:

As often as John took 4 coins, Joe took 3; and as often as John took 6 coins, Jonathan took 7.
What are the ages of John, Joe and Jonathan (in years)?

- (A) 6 years, 4.5 years and 7 years respectively
 - (B) 5 years, 5.5 years and 7 years respectively
 - (C) 6 years, 5 years and 6.5 years respectively
 - (D) 5 years, 6.5 years and 6 years respectively
-

Q45. Mohan has an antique clock which strikes and makes a loud gong every hour. It strikes the exact number of times indicating the hour. His clock takes **7 seconds** to strike **Seven O' clock**. How many seconds will it take to strike **Eleven O' clock**?

- (A) 11.22222227 seconds
 - (B) 11 seconds
 - (C) 11.66666667 seconds
 - (D) None of the above
-

Q46. Find the missing number in the series: 2, 6, 20, 42, 110, -----

- (A) 126
 - (B) 156
 - (C) 176
 - (D) 196
-

Q47. Fifteen years back, Ms. Kalpana had three sons—Ramesh, Suresh and Rajesh. The *sum of their ages* then was *half* her age. In the next five years Mahesh was born, and at that time Ms. Kalpana's age equalled the sum of the ages of all her children. Years later Dinesh was born. At the present moment the following are true: (i) the sum of the ages of all five sons equals *twice* Ms. Kalpana's age, and (ii) Ramesh's present age equals the *sum* of the ages of Mahesh and Dinesh. What is Ms. Kalpana's present age?

- (A) 39 years
- (B) 42 years

- (C) 41 years
(D) none of the above
-

Q48. Find the missing number: $-1, 0, 0, \text{---}, 8$

- (A) 1
(B) 2
(C) 3
(D) 4
-

Q49. *Ceiling Fan : Table Fan :: abcdefg : ?*

- (A) abcdefg
(B) abcdgfe
(C) gfedcba
(D) None of these
-

Q50. Given Statement: The new amendment of Corporate Social Responsibility (CSR) in India refers to bringing an overall positive impact on communities, cultures, societies and environments. The fundamentals of CSR rest on the fact that not only public policy but even corporate should be responsible enough to address social issues.

Argument I: Government should not enforce companies to take up CSR.

Argument II: Companies' moral responsibility is to take up CSR for a long-run benefit.

- (A) Argument II is correct but Argument I is wrong
(B) Argument I is correct but Argument II is wrong
(C) Both the arguments are false
(D) Both the arguments are correct
-

Q51. Premise: LPG subsidy is a stand taken by the government. Linking of Aadhaar card to a bank account has been made mandatory for receiving the subsidy.

Argument I: All people should give up LPG subsidies.

Argument II: To fill the gap between poor and rich.

- (A) Argument II is the output of Argument I
 - (B) Argument I is a byproduct of Argument II
 - (C) Argument I and Argument II are complementing each other
 - (D) No logical link between Argument I and Argument II
-

Q52. If CAB is coded as **723 - 5 58** in a coded language, then how will DAD be coded?

- (A) 4023 - 5 4023
 - (B) 4090 - 5 4090
 - (C) 1024 - 5 1024
 - (D) 1246 - 5 1189
-

Q53. If MONEY is coded as 144 200 171 0 600 then DOLLAR is coded as _____

- (A) -9 200 119 119 - 24 299
 - (B) -8 200 106 106 - 20 200
 - (C) 122 200 102 102 10 154
 - (D) 120 200 101 101 08 156
-

Q54. There are 100 MBA aspirants in a classroom and 99% of them are engineers. How many *engineers* must leave the classroom in order to reduce the percentage of engineers to 98%?

- (A) 1
- (B) 2

(C) 50

(D) 90

Q55. Vikas was showing a photograph to his friend and pointed to a boy saying: “His name is *Atul* and *his maternal grandfather’s brother is my maternal grandfather’s sister’s son.*” How is Atul related to Vikas?

(A) They are brothers

(B) Vikas is the uncle of Atul

(C) They are distant cousins

(D) None of the above

Q56. There was a party organized and the following members attended: *Sheela, Amruta, Rohit, Rahul, Ajey, Ranveer* and *Gauri*. Sheela is the *mother-in-law* of Amruta, who is the *sister-in-law* of Rohit. Rahul is the father of Ajey. Ajey is the brother of Rohit. Ranveer is the only brother of Rahul and the *father-in-law* of Gauri. Gauri was married to Rohit. How is **Sheela** related to **Ranveer**?

(A) cousin

(B) mother

(C) sister

(D) none of the above

Instructions [57 - 60]

sing the information given below answer the questions:

A chef is trying a recipe for a tasty ice cream using four ingredients. He can choose from three liquids for taste which are labeled A, B and C which are stable in nature and the choice for flavor can be from four liquids which are labeled W, X, Y and Z. For the new ice cream recipe to be tasty, there must be two liquids from the taste giving liquids. Also certain liquids cannot be mixed because of their reactions which makes it unhealthy for human consumption

and the same is given below B cannot be mixed with W C cannot be mixed with Y Y cannot be mixed with Z

Q57. If the chef calculated that **Y** is the most important flavour and *must* be used in the recipe, which other ingredients must be part of the recipe?

- (A) A, B and W
 - (B) A, B and X
 - (C) A, B and Z
 - (D) B, C and X
-

Q58. “If the chef **rejected B** because of its possible side effects but decided to use **Z**, which is a possible combination of the four ingredients in the recipe?”

- (A) A, C, W and Z
 - (B) A, X, Y and Z
 - (C) A, W, X and Z
 - (D) A, C, Y and Z
-

Q59. Which of the following *combination(s)* of liquids is **impossible**?

- I. Using *Y* and *W* together
- II. Using *B* and *C* together
- III. Using *W*, *X* and *Z* together

- (A) I only
 - (B) II only
 - (C) III and I only
 - (D) II and I only
-

Q60. Which of the following must *always* be true?

- I. If **C** is used **W** must be added

- II. If **Y** is used **B** must be added
III. If **C** is not used **W** cannot be added

- (A) I and II only
(B) II and III only
(C) I, II and III only
(D) II only

Q61. Which letter-word from the options will replace the “?” in the table below?

CAT	389376	DOG
RAT	1758276	MAT
CAB	15876	FAN
CAN	571536	?

- (A) MAN
(B) GIFT
(C) PAN
(D) SOFT

Q62. Which word from the given options will replace the “?” in the table below?

WOE	1089	MISERY
VANQUISH	1308	SUBDUE
TACITURNITY	1547	SILENCE
SPLEEN	1806	?

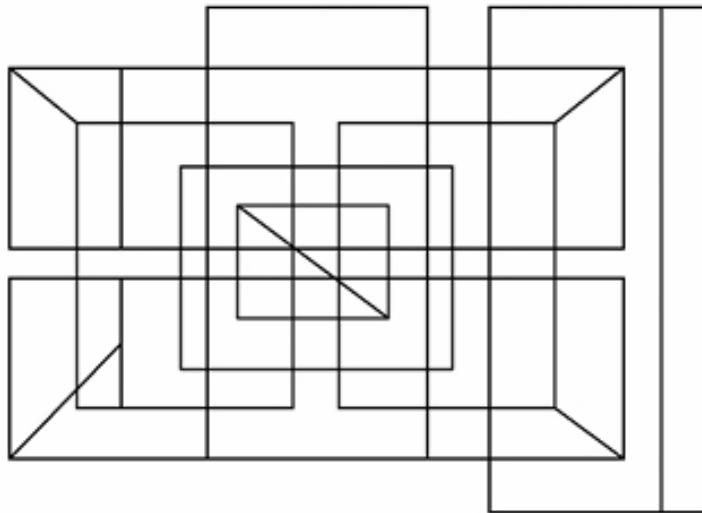
- (A) MALEVOLENCE
(B) JOIN
(C) LINK
(D) DRIP

Q63. Which number from the given options will replace the “?” in the table below?

MBA	728	NCB
BCA	24	CDB
BCS	24	CDT
FCA	?	GDB

- (A) 48
- (B) 168
- (C) 64
- (D) 132

Q64. What is the least number of straight lines needed to draw the given diagram?



- (A) 39
- (B) 40
- (C) 42
- (D) none of the above

Q65. Answer the following by referring to the image.

If    :    THEN     : ?

1.    

2.    

3.  + 

4.  +  

- (A) 1
- (B) 2
- (C) 3
- (D) 4

Instructions [66 - 70]

Based on the information given below answer the questions:

Ten friends Matt, Sam, Pat, Tom, Sid, Alex, Kat, Jim, Jane and John are having dinner on a rectangular table. Eight facing each other along the length of the table while two facing each other along the smaller side of the table. Pat is sitting diagonally opposite to Kat, Alex is facing Jim, John is to the right of Jane, Tom is sitting between Sam and Jim, Pat is to the extreme left of Jane who is sitting on the extreme right along the length of the table. Sid is facing Tom and Matt is on the right of Sam.

Q66. Who is sitting *in front of each other* along the small sides of the table?

- (A) Matt and John
- (B) Matt and Sam
- (C) Matt and Kat
- (D) John and Sam

Q67. Sid is sitting between which of the following two?

- (A) Sam and Kat
 - (B) Pat and Alex
 - (C) Alex and Jane
 - (D) Kat and Jane
-

Q68. Who are sitting diagonally opposite to each other?

- (A) Sid and Tom
 - (B) Sam and Jane
 - (C) Alex and Jim
 - (D) Jane and Kat
-

Q69. Who is sitting to the immediate right of Jim?

- (A) Sam
 - (B) Jane
 - (C) Alex
 - (D) Tom
-

Q70. Who is sitting two places left to Jane?

- (A) Pat
 - (B) Alex
 - (C) Sid
 - (D) Sam
-

General English

Q71. “To catch a tartar” means _____

- (A) To trap wanted criminal with great difficulty
 - (B) To catch a dangerous person
 - (C) To catch a person who is more than one's match
 - (D) To meet with disaster
-

Q72. A leopard can't change its _____

- (A) dots
 - (B) stripes
 - (C) color
 - (D) none of the above
-

Q73. "So sober sometimes serious Sam smiles on silly things" is a/an _____.

- (A) hyperbole
 - (B) assonance
 - (C) anaphora
 - (D) alliteration
-

Q74. "The strength given by my mother is bigger than the cosmic energy in this cosmos" is _____.

- (A) rhyme
 - (B) metaphor
 - (C) personification
 - (D) hyperbole
-

Q75. The buzzing of bees is an example of _____.

- (A) simile

- (B) metonymy
 - (C) onomatopoeia
 - (D) paradox
-

Q76. The word **CACTI** is of Latin origin. It can also be replaced by _____.

- (A) cactus
 - (B) cats
 - (C) cactuses
 - (D) cactusas
-

Q77. The word **TROUSSEAUX** is of French origin. It can also be replaced by _____.

- (A) Trousseaux
 - (B) Trousse
 - (C) Trousseaux
 - (D) None of the above
-

Q78. The singular of the word **SCARVES** is spelt as _____.

- (A) scarve
 - (B) scarfe
 - (C) scarp
 - (D) none of the above
-

Q79. The "Drawing Pins" in British English is referred to as _____ in American English.

- (A) thumb pins
- (B) board pins

- (C) broad pins
 - (D) thumbtacks
-

Q80. "Aubergine" in Britain is referred to as in United States of America.

- (A) Migraine
 - (B) eggplant
 - (C) margarine
 - (D) egg
-

Q81. Baseball in American English is commonly referred to as _____ in British English.

- (A) run ball
 - (B) strike ball
 - (C) rounders ball
 - (D) rounders
-

Q82. Complete the collocation words _____ weapon.

- (A) nuclear
 - (B) atomic
 - (C) molecular
 - (D) electronic
-

Q83. Complete the collocation words _____ weapon.

- (A) news
- (B) river
- (C) nuance
- (D) research

Q84. Complete the collocation words _____ Percentage

- (A) huge
- (B) big
- (C) more
- (D) large

Q85. The idiom "Against the clock" means _____.

- (A) Break the Rules
- (B) Rushed and short on time.
- (C) Go back to the Past
- (D) Look at the Past

Q86. The idiom "Buy a lemon" means _____.

- (A) A superstitious way to say 'good luck'
- (B) A lie which is propaganda for people to believe
- (C) An unbelievable story which is told for people to believe
- (D) To purchase a vehicle that constantly gives problems or stops running after you drive it away.

Q87. Kedar uses the following sentence to introduce himself. Choose the correct option.

- (A) Myself Kedar, I belong to Mumbai
 - (B) Myself Kedar and I am from Mumbai
 - (C) Myself Kedar from Mumbai
 - (D) None of the above
-

Q88. Ram uses the following sentence to tell the time of the day to Shyam. Which one is the correct sentence?

- (A) It is 2 pm in the afternoon
- (B) It is 2 pm
- (C) It is 2 pm in the noon
- (D) It is 2 o'clock in the afternoon

Instructions [89 - 91]

In the following questions parts have been underlined. If any rule of correct English is violated then it could be only in the UNDERLINED part, marked as 1, 2, 3 or 4. Choose the option, which violates usage of correct English.

Q89. My Parents1 are Indians but2 I am3 born in Sydney4.

- (A) only 1
- (B) 1 and 3
- (C) only 3
- (D) only 4

Q90. Standing1 on the top of the tower the whole city could be seen3.

- (A) only 1
- (B) only 2
- (C) 1 and 2
- (D) None of the above

Q91. Ganesh is taller than1 Ramesh but2 Anoop is3 more taller4.

- (A) only 1
- (B) only 2

(C) only 3

(D) only 4

There are several factors that contribute to wisdom. Of these I should put first a sense of proportion; the capacity to take account of all the important factors in a problem and to attach to each its due weight. This has become more difficult than it used to be owing to the extent and complexity of the specialized knowledge required of various kinds of technicians. Suppose, for example, that you are engaged in research in scientific medicine. The work is difficult and is likely to absorb the whole of your intellectual energy. You have no time to consider the effect which your discoveries or invention may have outside the field of medicine. You succeed (let us say), as modern medicine has succeeded, in enormously lowering the infant death-rate, not only in Europe and America, but also in Asia and Africa. This has the entirely unintended result of making the food supply inadequate and lowering the standard of life in the most populous parts of the world. To take an even more spectacular example, which is in everybody's mind at the present time- you study the composition of the atom from a disinterested desire for knowledge and incidentally place in the hands of powerful lunatics the means of destroying the human race. In such ways the pursuit of knowledge may become harmful unless it is combined with wisdom; and wisdom in the sense of comprehensive vision is not necessarily present in specialists in the pursuit of knowledge. Comprehensiveness alone, however, is not enough to constitute wisdom. There must be, also, certain awareness of ends of human life. This may be illustrated by the study of history. Many eminent historians have done more harm than good because they viewed facts through the distorting medium of their own passions. Hegel had a philosophy of history which did not suffer from any lack of comprehensiveness, since it started from earliest time and continued into an indefinite future. But the chief lesson of history which he sought to inculcate was that from the year A.D. 400 down to his own time, Germany had been the most important nation and the standard bearer of progress in the world. Perhaps one could stretch the comprehensiveness that constitutes wisdom to include not only intellect but also feeling. It is by no means uncommon to find men/ women whose knowledge is wide but whose feelings are narrow. Such men / women lack what I am calling wisdom. I think the essence

of wisdom is emancipation, as far as possible, from the tyranny of the here and the now. We cannot help the egoism of our senses. Sight, sound and touch are bound up with our own bodies and cannot be impersonal. Our emotions start similarly from ourselves. An infant feels hunger or discomfort; gradually with the years his horizon widens, and, in proportion as his thoughts and feelings become less personal and less concerned with his own physical states, he achieves growing wisdom. This is of course a matter of degree. No one can view the world with complete impartiality; however, it is possible to make a continual approach towards impartiality, on the one hand, by knowing things somewhat remote in time or space, and, on the other hand, by giving to such things their due weight in our feelings. It is this approach towards impartiality that constitutes growth in wisdom. Perhaps in this sense the wisdom can be taught. I think that this teaching should have a larger intellectual element than has been customary in what has been thought of as moral instruction. I think that the disastrous result of hatred and narrow mindedness to those who fed them can be pointed out incidentally in the course of giving knowledge. Knowledge and morals ought not to be too much separated. It is true that the kind of specialized knowledge which is required for various kinds of skills has very little to do with wisdom. But it should be supplemented in education by wider surveys calculated to put it in its place in the totality of human activities. Even the best technicians should also be good citizens, i.e. citizens of the world and not of any one nation.

With every increase of knowledge and skill, wisdom becomes more necessary for every such increase augments our capacity for realizing our purposes, and therefore augments our capacity for evil, if our purposes are unwise. The world needs wisdom as it has never needed it before; and if knowledge continues to increase, the world will need wisdom in the future even more than it does now.

Q92. According to the author what results in growth of wisdom?

- (A) Widening Knowledge and narrowing feelings
- (B) Acquiring specialized knowledge which is required for various kinds of skills
- (C) Viewing the world with complete impartiality
- (D) None of the above

Q93. According to the author the essence of wisdom is

- (A) Deliverance from the oppression of here and now
 - (B) Subduing from the oppression of here and now
 - (C) Captivity from the oppression of here and now
 - (D) All of the above
-

Q94. What according to the author is the relationship between knowledge and wisdom?

- (A) As human wisdom increases there is increase in knowledge created
 - (B) As knowledge keeps on increasing there is lesser need of wisdom
 - (C) As knowledge keeps on increasing there is a higher need for wisdom
 - (D) As growth in wisdom stops, knowledge creation stagnates.
-

Q95. The example used by the author to explain the ways in which the pursuit of knowledge can be harmful, unless combined with wisdom, is

- (A) the space mission
 - (B) medicine that lowers infant mortality across the world.
 - (C) the progress of Germany.
 - (D) none of the above.
-

Q96. What factors according to the author, contribute to wisdom?

- (A) a sense of proportion, giving knowledge, study of history, emancipation
 - (B) a sense of proportion, dignity, knowledge, skill
 - (C) comprehensiveness, a sense of proportion, awareness of the end of human life, emancipation from the tyranny of the present
 - (D) none of the above
-

Q97. Read each of the components of the given sentences and mark the component with grammatical error.

- (A) Only I
- (B) Only II
- (C) Only III
- (D) Only IV

Q98. I. My cousin brother, who lives

II. in Goa, is eager to visit us

III. in Mumbai and aspires to have

IV. a glimpse of the city

- (A) Only I
- (B) Only II
- (C) Only III
- (D) Only IV

Q99. It was no wonder that after the roads were closed with continuous snowfall, hotels started off the tourists.

- (A) ranking
- (B) taking
- (C) beating
- (D) looting

Q100. When the penalty corner was saved, the players in toward the goalkeeper to congratulate him.

- (A) closed

- (B) went
 - (C) crashed
 - (D) pooled
-

Q101. The synonym for the word "Inclement" is

- (A) stormy
 - (B) intimate
 - (C) advocacy
 - (D) immediate
-

Q102. The antonym for the word "Taciturn" is

- (A) garrulous
 - (B) energetic
 - (C) ephemeral
 - (D) enigmatic
-

Q103. Complete with the appropriate collocation word activism.

- (A) judicial
 - (B) legal
 - (C) prosecutorial
 - (D) lawful
-

Q104. If Propensity : Tendency then

- (A) Prologue : Epilogue
- (B) Master : Slave
- (C) Audacity : Impudence

(D) Conduct : Immortality

Q105. If Tepid : Hot then

- (A) Jealousy : Envy
 - (B) Hatred : Antipathy
 - (C) Unity : Harmony
 - (D) Joy : Ecstasy
-

Q106. From the following words pick the odd word out.

- (A) lampoon
 - (B) satire
 - (C) ridicule
 - (D) parable
-

Q107. From the following words pick the odd word out.

- (A) euphemism
 - (B) maxim
 - (C) aphorism
 - (D) dictum
-

Q108. From the following words pick the odd word out.

- (A) force
- (B) intimidation
- (C) shakedown
- (D) bleak

Q109. To ensure success in a difficult task

- (A) one needs to be persistent
- (B) persistence is needed
- (C) you need a person of persistence
- (D) persistence is what one needs

Q110. The more we looked at the piece of modern art

- (A) we liked it less
- (B) better we liked it
- (C) the less we liked it
- (D) we liked it more and more

Quantitative Aptitude

Q111. A batsman was having 32 runs per innings as his average after 15th innings. His average increased by 2 runs after the 16th inning. Then what was his score in the 16th inning?

- (A) 64
- (B) 60
- (C) 46
- (D) 62

Q. 112 The least number which is a perfect square and is divisible by each of the numbers 14, 16, 18 is

- (A) 6048
- (B) 7056

(C) 1008

(D) 2046

Q. 113 Four people clap after every 20 minutes, 30 minutes, 40 minutes, and 50 minutes respectively. All of them clapped together at 10:00 a.m. Then they will again clap together at

(A) 3 pm

(B) 5 pm

(C) 6 pm

(D) 8 pm

Q. 114 Three candidates "A", "B", "C" participated in an election. "A" gets 40% of the votes more than "B". "C" gets 20% more votes than "B". "A" also overtakes "C" by 4000 votes. If 90% voters voted and no invalid or illegal votes were cast, then what will be the number of voters in the voting list?

(A) 72000

(B) 80000

(C) 70000

(D) 78500

Q. 115 In a competitive exam there were 5 sections. 10% of the total number of students cleared the cut off in all the sections and 5% cleared none of the sections. From the remaining candidates 30% cleared only section 1, 20% cleared only section 2, 10% cleared only section 3 and remaining 1020 candidates cleared only section 4. How many students appeared in the competitive exam?

(A) 2550

(B) 2800

- (C) 3000
 - (D) 3200
-

Q.116 A man sold 5th of his articles at a gain of 20% and the remaining at cost price. Find the percentage gain earned in the transaction.

- (A) 8
 - (B) 10
 - (C) 12
 - (D) 14
-

Q. 117 A trader sells 20 articles at Rs. 54 per article after giving 10% discount and gains 50% profit. If the discount is not given, the profit gained is

- (A) 56.76%
 - (B) 66.66%
 - (C) 62.66%
 - (D) 63.66%
-

Q. 118 A bottle contains 50 liters of milk. From this bottle 5 liters of milk was taken out and replaced the water. This process was repeated further for three times. How much milk is now contained in the bottle?

- (A) 32.8 litres
 - (B) 34.4 litres
 - (C) 36.8 litres
 - (D) 46.5 litres
-

Q. 119 A ball is dropped from a height of 200 meters. After striking the floor it re-bounces to $\frac{4}{5}$ of the height from where it fell. The total distance it travels before coming to rest is

- (A) 1200 meters
- (B) 1600 meters
- (C) 1800 meters
- (D) 1820 meters

Q. 120 The sum of all two digit numbers that give a remainder 2 when they are divided by 7 is

- (A) 552
- (B) 654
- (C) 658
- (D) 684

Q. 121 A man covers half of his journey by train at 90 km/hr, one-third of the remainder by bus at 30 km/hr and the rest by cycle at 10 km/hr. The average speed during the entire journey is

- (A) 22.5 km/hr
- (B) 28.5 km/hr
- (C) 30.0 km/hr
- (D) 32.5 km/hr

Q. 122 John's grandfather was five times older to him 5 years ago. He would be two times of his age after 25 years from now. What is the ratio of John's age to that of his grandfather?

- (A) 7 : 11

- (B) 5 : 11
 - (C) 3 : 11
 - (D) 4 : 11
-

Q. 123 A number when successively divided by 5 and 6 gives remainders 3 and 2 respectively. What will be the remainders if the number is successively divided by 3 and 4?

- (A) 2, 3
 - (B) 2, 1
 - (C) 1, 2
 - (D) 3, 4
-

Q. 124 How many zeros would there be in $1024!$?

- (A) 240
 - (B) 248
 - (C) 256
 - (D) 253
-

Q. 125 If $x = 3 + 2\sqrt{2}$, what will be the value of $x^2 + \frac{1}{x^2}$?

- (A) 35
 - (B) 32
 - (C) 36
 - (D) 34
-

Q. 126 The unit digit in the final solution when $13 \times 27 \times 63 \times 51 \times 98 \times 46$ is ...

- (A) 4
- (B) 8

- (C) 2
(D) none of the above
-

Q. 127 A dishonest seller sells his grocery items using a false weight and thus gains 5% for a kilogram; he uses the weight of approximately _____.

- (A) 940.251
(B) 943.123
(C) 948.238
(D) 952.381
-

Q. 128 A, B and C can do a work in 6, 8 and 12 days respectively. If they do the work together and earn Rs. 2700, what is the share of C in that amount?

- (A) 600
(B) 900
(C) 1000
(D) 700
-

Q. 129 How many words each of two vowels and three consonants can be formed from the letters of the word “UNIVERSAL”?

- (A) 7000
(B) 7200
(C) 7400
(D) 7800
-

Q. 130 Three pipes A, B and C can fill a tank in 12 hours. All the pipes started working together and after 3 hours, C is closed. If A and B can fill the remaining part in 10 hours, then the number of hours taken by C alone to fill the tank is

- (A) 100 hours
 - (B) 110 hours
 - (C) 120 hours
 - (D) 130 hours
-

Q. 131 If the numbers between 1 to 65 that are divisible by 4 are taken and then the digits in the tens and units places are swapped, after which the resulting numbers are written in ascending order, which number will be at the 10th place from the last?

- (A) 40
 - (B) 24
 - (C) 44
 - (D) 25
-

Q. 132 Ajit, Ravi and Hari were trying to hit a target. If Ajit hits the target 5 times in 8 attempts, Ravi hits it 3 times in 5 attempts and Hari hits it 2 times in 4 attempts. What is the probability that the target is hit by at least 2 persons?

- (A) $\frac{49}{80}$
 - (B) $\frac{24}{80}$
 - (C) $\frac{45}{80}$
 - (D) $\frac{25}{80}$
-

Q. 133 If $\frac{1}{2} \log x + \frac{1}{2} \log y + \log 2 = \log(x + y)$, then _____.

- (A) $x = -y$
- (B) $x = y + 1$
- (C) $x = y$
- (D) $y = x + 1$

Q. 134 $\log_5 25 + \log_2(\log_3 81)$ is

- (A) 1
- (B) 2
- (C) 3
- (D) 4

Q. 135 Peter was standing on the top of a rock cliff facing the sea. He saw a boat coming towards the shore. Ten minutes less than half an hour later (i.e., after 20 minutes) the angle of depression changed from 30° to 60° . How much more time (in minutes) will the boat take to reach the shore?

- (A) 5
- (B) 10
- (C) 15
- (D) 20

Q. 36 In a school every student had to learn at least one foreign language from German (G), French (F) and Spanish (S). Totals: $F = 28$, $G = 30$, $S = 32$. Pair data: $F \cap G = 6$, $G \cap S = 8$, $F \cap S = 10$. Exactly one language learners = 54, and “only German” = 20. Find the total number of students in the school.

- (A) 60
- (B) 62
- (C) 70
- (D) none of the above

Q. 137 Sonali can solve 70% of the problems in a competitive exam and Nirali can solve 60% of the problems in the same exam. What is the probability that *at least one* of them will solve a randomly selected problem (assume independence)?

- (A) 0.82
 - (B) 0.88
 - (C) 0.62
 - (D) 0.72
-

Q. 138 Rs. XYZ was deposited at simple interest for 3 years at a certain annual rate. Had it been deposited at a rate higher by 2%, it would have fetched Rs. 360 more as interest. Find Rs. XYZ (the principal).

- (A) Rs. 5500
 - (B) Rs. 5000
 - (C) Rs. 6000
 - (D) Rs. 4500
-

Q. 139 A man invests some amount at 6% p.a. simple interest and another amount at 7% p.a. simple interest. After 2 years his total interest is Rs. 348. The ratio of the first to the second amount is 4 : 5. Find the *total* amount invested.

- (A) Rs. 2600
 - (B) Rs. 2900
 - (C) Rs. 2700
 - (D) none of the above
-

Q. 140 A bag has 9 bulbs, of which 2 are fused and 7 are good. Two bulbs are selected at random. What is the probability that *both* bulbs chosen can light the room (i.e., both are good)?

- (A) $\frac{5}{12}$
- (B) $\frac{7}{12}$
- (C) $\frac{9}{12}$

(D) $\frac{10}{12}$

Q. 141 The value of $(p - a)(p - b)(p - c) \cdots (p - z)$ is _____

(A) A complex polynomial which starts with p^{24}

(B) Zero

(C) A complex polynomial which starts with p^{26}

(D) A complex polynomial which has several variables including terms in p^{26} and p^{24}

Q. 142 There are nine humans in a ship. Each human has nine cages and each cage has nine huge lions, and each lion has nine cubs. How many legs are there in the ship? (Humans have two legs; lions and cubs have four legs each.)

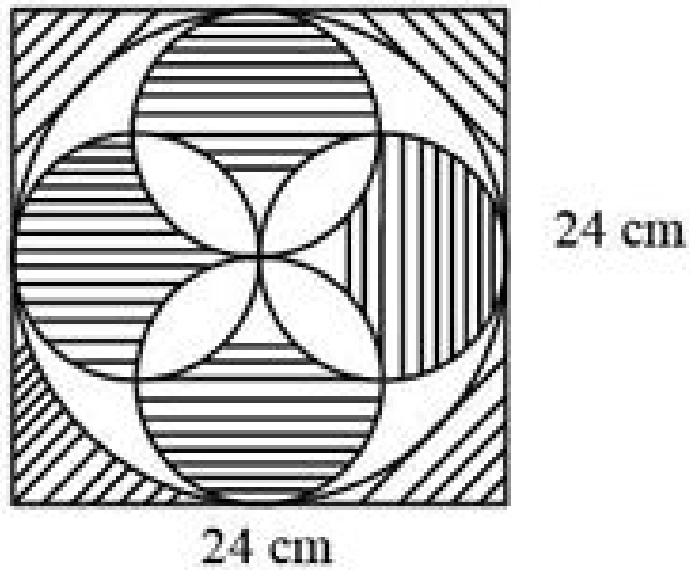
(A) 747

(B) 3258

(C) 29178

(D) 26561

Q. 143 As shown in the figure, there is a square of side 24 cm. A circle is inscribed in the square. Inside this big circle four equal circles are drawn, each tangent to the big circle and to two neighbouring small circles (so their centres lie on the midpoints of the sides of the square). Find the total area of the shaded region.

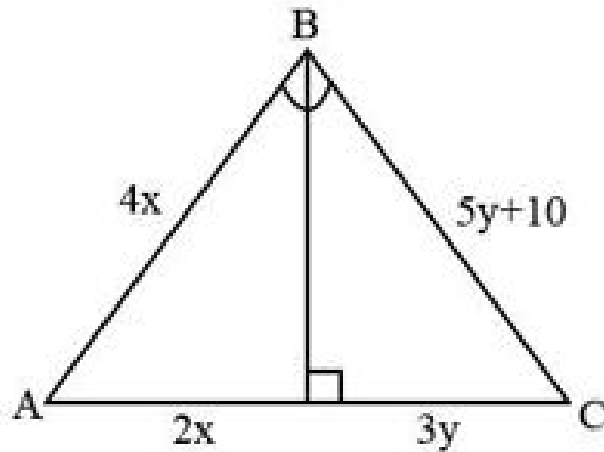


- (A) $576 - 196\pi$
 (B) $584 - 196\pi$
 (C) $864 - 196\pi$
 (D) none of the above

Q. 144 In the figure, BD is drawn from the vertex B to the base AC such that $\angle ADB = \angle CDB = 90^\circ$ and BD bisects $\angle ABC$ (so $\angle ABD = \angle DBC$). If

$$AB = 4x, \quad BC = 5y + 10, \quad AD = 2x, \quad DC = 3y,$$

then the values of x and y are _____.



- (A) 10 and 15
- (B) 15 and 10
- (C) 06 and 12
- (D) 12 and 06

Q. 145 Mr. Suresh ate lunch costing Rs. 162 and paid with a fake Rs. 500 note (receiving change). He then bought a snack costing Rs. 37 and paid with a fake Rs. 100 note (again receiving change). When the cashier deposited the day's cash, the bank detected *both* notes were counterfeit and shredded them. What is the *total* loss to the restaurant?

- (A) 1200
- (B) 600
- (C) 7991
- (D) none of the above

Q. 146 If $2^x + 2^{x+1} = 48$, then find x^x .

- (A) 4
- (B) 64
- (C) 256

(D) 16

Following table shows the percentage population of six states below poverty line and proportion of male and female.

3*State	% Population 3* below poverty line	Proportion of male & female	
		Below Poverty line	Above Poverty line
		M:F	M:F
A	16	2:3	3:4
B	10	4:3	5:2
C	14	3:4	2:3
D	20	5:2	4:3
E	25	4:1	2:1
F	20	2:3	4:1

Q147. From the table, for state A: 16% of the population is *below* the poverty line. The male:female ratio *above* the poverty line is 3 : 4. If the total population of state A is 5000, how many *females above the poverty line* are there in state A?

- (A) 2000
- (B) 2400
- (C) 2600
- (D) data inadequate

Q148. If the combined population of states *C* and *D* is 20000, what is the *total number of females below the poverty line* in these two states?

- (A) 5000
- (B) 6000
- (C) 7200
- (D) NOTA

Q149. If the *number of males below the poverty line* is 6000 in state *C* and 1000 in state *E*, what is the ratio of the *total populations* of states *C* and *E*?

- (A) 2 : 1
- (B) 3 : 5
- (C) 11 : 5
- (D) NOTA

Q150. In state F, the *number of females below the poverty line* is 16000. What is the *number of males below the poverty line* in that state?

- (A) 8000
- (B) 6000

(C) 12000

(D) NOTA
