

**PART-I
GENERAL INTELLIGENCE &
REASONING**

Directions (1-3) : In each of the following questions, select the related word from the given alternatives.

1. FATIGUE : REST :: DEHYDRATE : ?
(1) WEIGHT
(2) HEAT
(3) WATER
(4) LIGHT
2. AUTHOR : BOOK : TAILOR : ?
(1) CLOTH
(2) SHIRT
(3) MERCHANT
(4) STITCHING
3. REPEL : ATTRACT : ELASTIC : ?
(1) STRETCH
(2) RIGID
(3) EXPAND
(4) WIDEN
4. The last three digits of the binary equivalent of the number 85432578 is
(1) 001 (2) 100
(3) 110 (4) 010

Directions (5-6) : In each of the following questions, Find the odd word/number pair from the given alternatives :

5. (1) Kitten (2) Cub
(3) Pony (4) Doe
6. (1) 3 - 9 (2) 4 - 8
(3) 9 - 3 (4) 7 - 6

7. Find the missing term of the series.

AAT, BBE, CCP, ?

- (1) DDA (2) DDB
(3) DDC (4) DDD

8. Identify the next letter in the following series:
a d c e b e d f c f e ?

- (1) h (2) g
(3) f (4) d

9. Number of letters skipped in between adjacent letters in the series increases by one. Which of the following series observe the ruling given below?

- (1) ACFJOU
(2) JLNPOQ
(3) ZXMKJL
(4) KCAOPQ

10. Find out the odd/wrong number in the given series:

62, 46, 34, 24, 16, 10

- (1) 62 (2) 46
(3) 34 (4) 24

11. Which of the following years did not have 29 days in February month?

- (1) 2000 (2) 2004
(3) 1996 (4) 1966

12. From of the given alternative words, select the word which **cannot** be formed using the letters of the given word:

"COMPETITION"

- (1) TOTEM
(2) POETIC
(3) COMPOSE
(4) OPINE

13. If NASCENT is written as 2734526, how is SENTENCE written in that code?

- (1) 35265235
(2) 35256245
(3) 35265245
(4) 35256275

Directions (14-15) : In each of the following questions, some equations are solved on the basis of certain system. Find out the correct answer for the unsolved equation on that basis.

14. $72 + 37 = 6328$; $54 + 13 = 4504$;
 $61 + 53 = ?$

- (1) 4524 (2) 5244
(3) 5424 (4) 5214

15. $1 \times 2 \times 4 = 212$, $5 \times 6 \times 8 = 654$,
 $3 \times 7 \times 2 = ?$

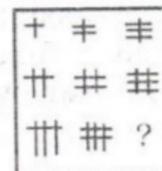
- (1) 173 (2) 713
(3) 731 (4) 317

16. In a department, 24 employees know typing and 11 know stenography, 25 know to use a computer. 7 know both typing and stenography, 4 know stenography and computers, 12 know typing and computers and 3 know all the three. If there were 50 employees in the department, find how many employees don't know none of the three jobs.

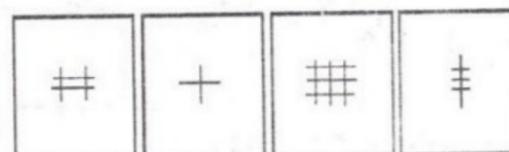
- (1) 40 (2) 10
(3) 47 (4) 33

17. Which answer figure will complete the pattern in the question figure?

Question Figure :



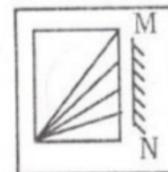
Answer Figures :



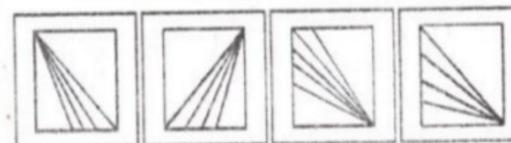
- (1) (2) (3) (4)

Directions (18-19) : In each of the following questions, if a mirror is placed on the line MN, then which of the answer figures is the right image of the given figure?

18. Question Figure :

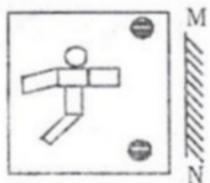


Answer Figures :

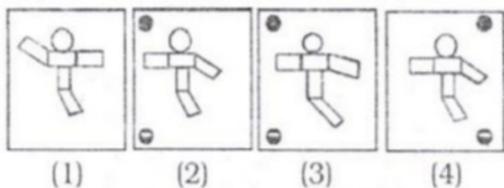


- (1) (2) (3) (4)

19. Question Figure :



Answer Figures :

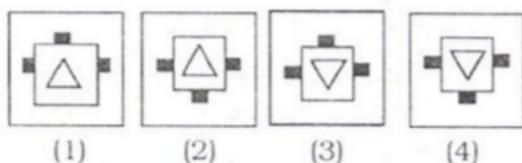


20. Find the missing figure of the series from the given responses:

Question Figures :

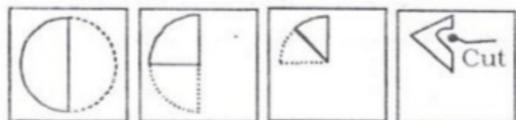


Answer Figures :

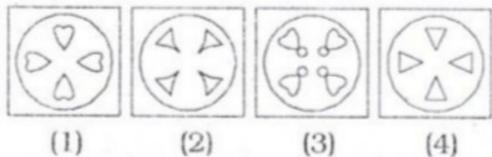


21. A circular paper is folded and punched as shown below. From the responses given find out how it will appear when unfolded?

Question Figures :

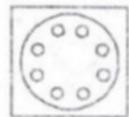


Answer Figures :

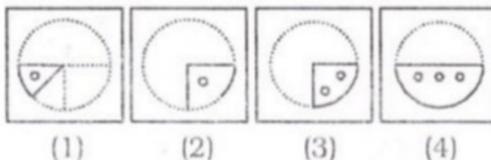


22. A circular sheet of paper is folded in a particular manner and a punch is made. When unfolded, the paper appears as given in the question figure. Find out the manner in which the paper is folded and punch is made from the responses given.

Question Figure :

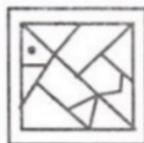


Answer Figures :

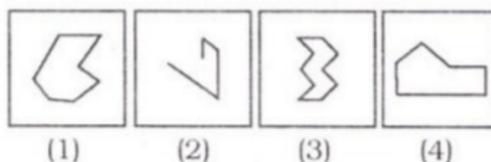


23. Which of the answer figure is embedded in the question figure?

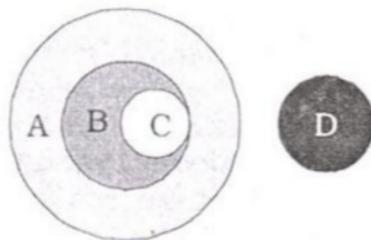
Question Figure :



Answer Figures :



24. A represents doctors, B represents pianists and C represents writers while D represents singers. Which of the statements is most appropriate?



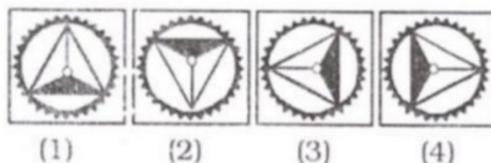
- (1) All singers are doctors.
- (2) All writers and pianists are doctors.
- (3) All pianists are singers.
- (4) None of these

25. In the following question, find out how will the question figure look like after rotation of 180°?

Question Figure :



Answer Figures :



PART-II
NUMERICAL APTITUDE

26. Find three consecutive numbers such that twice the first, three times the second and four times the third together make 191.

- (1) 19, 20, 21
- (2) 21, 22, 23
- (3) 20, 21, 22
- (4) 22, 23, 24

27. In an office, there are 108 tables

and 132 chairs. If $\frac{1}{6}$ of the

tables and $\frac{1}{4}$ of the chairs are

broken, how many people can work in the office if each person requires one table and one chair?

- (1) 86
- (2) 90
- (3) 92
- (4) 99

28. A and B were assigned to do a job for an amount of ₹ 1,200. A alone can do it in 15 days, while B can do it in 12 days. With the help of C, they can finish in 5 days. The share of amount that C earns is

- (1) ₹ 300
- (2) ₹ 400
- (3) ₹ 500
- (4) ₹ 600

29. Which of these pipes will empty a pool the fastest?

- i. One pipe of diameter 60 cm
- ii. Two pipes of diameter 30 cm each
- iii. Three pipes of diameter 20 cm each

- (1) 1
- (2) 2
- (3) 3
- (4) None of these

30. The ratio of the area of an equilateral triangle and that of its circumcircle is

- (1) $2\sqrt{3} : 2\pi$
- (2) $4 : \pi$
- (3) $3\sqrt{3} : 4\pi$
- (4) $7\sqrt{2} : 2\pi$

31. The dimensions of a rectangular parallelepiped are in the ratio 2 : 2 : 1 and the area of its whole surface is 144 sq. cm. Its volume is

- (1) 72 c.c. (2) 108 c.c.
 (3) 288 c.c. (4) 144 c.c.
32. A machine is marked at ₹ 6,800 and available at a discount of 10%. The shopkeeper gives another off season discount to the buyer and sells the machine for ₹ 5,202. Find the off season discount.
 (1) 10% (2) 12%
 (3) 15% (4) 18%
33. A purchased a dining table, marked at ₹ 3,000 at a successive discounts of 10% and 15% respectively. He gave ₹ 105 as transportation charge and sold it at ₹ 3,200. What is his gain percentage?
 (1) $22\frac{1}{3}\%$ (2) 25%
 (3) $33\frac{1}{3}\%$ (4) $37\frac{17}{24}\%$
34. A shop offers 10% discount on every purchase of an article. It also offers an additional discount of 12%, if the payment is made in cash. If the original price of an item is 250, how much a customer will pay, if he wants to pay the price in cash?
 (1) ₹ 180 (2) ₹ 192
 (3) ₹ 198 (4) ₹ 195
35. The ratio in which the Darjeeling tea at ₹32 per kg is mixed with the Assam tea at ₹25 per kg so as to gain 20% by selling the mixture at ₹32.40 per kg is
 (1) 4 : 3 (2) 3 : 4
 (3) 5 : 2 (4) 2 : 5
36. A box contains 420 coins in rupee, 50 paise and 20 paise coins, the ratio of their rupee values being 13 : 11 : 7. The number of 50 paise coins is
 (1) 42 (2) 78
 (3) 66 (4) 132
37. Divide 37 into two parts so that 5 times one part and 11 times the other are together 227.
 (1) 15, 22 (2) 20, 17
 (3) 25, 12 (4) 30, 7
38. The average age of four boys A, B, C and D is 5 years and the average age of A, B, D, E is 6

- years. C is 8 years old. The age of E is (in years)
 (1) 12 (2) 13
 (3) 14 (4) 15
39. What is the average of the first six (positive) odd numbers each of which is divisible by 7?
 (1) 42 (2) 43
 (3) 47 (4) 49
40. A businessman bought an article and sold it at a loss of 5%. If he had bought it for 10% less and sold it for ₹ 33 more, he would have had a profit of 30%. The cost price of the article is
 (1) ₹ 330 (2) ₹ 155
 (3) ₹ 150 (4) ₹ 300
41. A trader sells two bullocks for ₹ 8,400 each, neither losing nor gaining in total. If he sold one of the bullocks at a gain of 20%, the other is sold at a loss of
 (1) 20% (2) $18\frac{2}{9}\%$
 (3) $14\frac{2}{7}\%$ (4) 21%
42. A man sells a car to his friend at 10% loss. If the friend sells it for ₹ 54,000 and gains 20%, the original cost price of the car was
 (1) ₹ 25,000 (2) ₹ 35,000
 (3) ₹ 45,000 (4) ₹ 50,000
43. The value of a machine is ₹ 6,250. It decreases by 10% during the first year, 20% during the second year and 30% during the third year. What will be the value of the machine after 3 years?
 (1) ₹ 2,650 (2) ₹ 3,050
 (3) ₹ 3,150 (4) ₹ 3,510
44. The population of a village is 25,000. One fifth are females and the rest are males. 5% of males and 40% of females are uneducated. What percentage on the whole are educated?
 (1) 75% (2) 88%
 (3) 55% (4) 85%
45. A train passes by a lamp post on a platform in 7 sec. and passes by the platform completely in

28 sec. If the length of the platform is 390 m, then length of the train (in metres) is

- (1) 120 (2) 130
 (3) 140 (4) 150

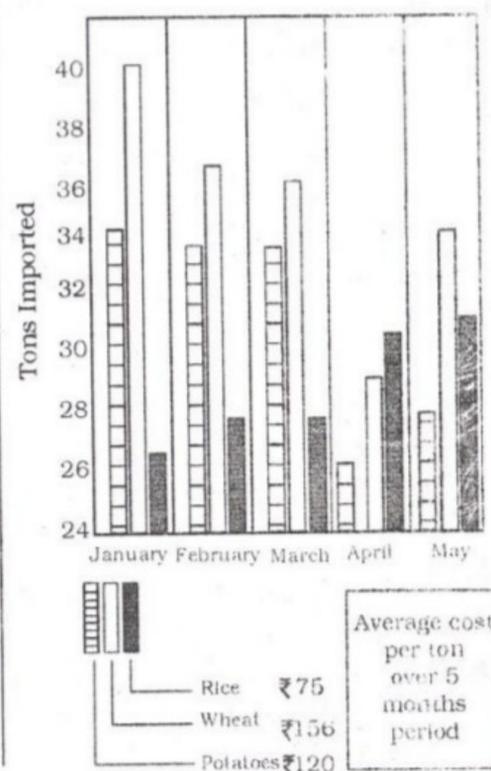
46. A gun is fired on board a ship at sea and an echo is heard from a cliff after the lapse of 9.6 sec. The velocity of sound is 1100 ft/sec. The distance of the cliff from the ship is
 (1) 1056 feet (2) 5280 feet
 (3) 10560 feet (4) 21120 feet

47. A sum of ₹2,400 amounts to ₹3,264 in 4 years at a certain rate of simple interest. If the rate of interest is increased by 1%, the same sum in the same time would amount to
 (1) ₹ 3,288 (2) ₹ 3,312
 (3) ₹ 3,340 (4) ₹ 3,360

48. The time required for ₹ 1,000 to amount to ₹1,331 at interest of 10% per annum, compounded annually, is
 (1) 2 years
 (2) 2 years, 6 months
 (3) 3 years
 (4) 3 years, 6 months

Directions (49-50) : The following Bar Diagram depicts figures for some agricultural imports from January-May, 2008. Answer (as closely as possible) the questions using the data provided here

Agricultural Imports - January to May



49. What is the average cost of potato import in February and March?

- (1) ₹ 3,960 (2) ₹ 5,960
(3) ₹ 1,280 (4) ₹ 4,440

50. What was the total cost (in ₹) of wheat import in March?

- (1) ₹ 3,212 (2) ₹ 5,616
(3) ₹ 7,042 (4) ₹ 2,224

PART-III
GENERAL ENGLISH

Directions (51-60) : In the following questions, some parts of the sentences have errors and some are correct. Find out which part of a sentence has an error. The number of that part is answer. If a sentence is free from error, then your answer is (4) i.e. No error.

51. Books fair (1)/ encourage (2)/ reading habit. (3)/ No error (4)/
52. Each of the girls (1)/ are (2)/ clever. (3)/ No error (4)
53. We need to surround ourselves with (1)/ caring people particular loved ones who (2)/ bring hope and support to our hearts and minds and with whom we can communicate. (3)/ No error (4)/
54. UNICEF (1)/ is (2)/ an international organisation. (3)/ No error (4)/
55. The boy who studies hard (1)/ he will pass (2)/ with flying colours. (3)/ No error (4)/
56. As a person who believes (1)/ that honesty is the best policy (2)/ I feel that politics are not my cup of tea. (3)/ No error (4)/
57. A Tale of Two Cities (1)/ are written (2)/ by Charles Dickens. (3)/ No error (4)/
58. Though the police tried all sorts of methods to illicit (1)/ information from the public (2)/ they remained silent. (3)/ No error (4)
59. He asked me (1)/ What you are doing (2)/ out in the street at this hour (3)/ No error (4).
60. No sooner did the peon (1)/ ring the bell (2)/ the boys left the class. (3)/ No error (4)

Directions (61-70) : In the following questions, sentences are given with blanks to be filled in with an appropriate word(s). Four alternatives are suggested for each question. Choose the correct alternative out of the four as your answer.

61. Go home immediately ___ your mother is looking for you.
(1) after (2) so that
(3) because (4) but
62. He was slow as usual. Even a snail would have seemed ____.
(1) fastest (2) faster
(3) too fast (4) not fast
63. The father seems relieved as he has married ___ both of his daughters.
(1) of (2) off
(3) to (4) away
64. Mohan : Have you ever ___ before ?
It's my first time in a plane and I am a little nervous.
(1) fled (2) flowed
(3) flown (4) flying
65. They have already completed the job, ___?
(1) isn't it
(2) has they
(3) haven't they
(4) won't they
66. The whole class sympathised ___ the peon.
(1) at (2) for
(3) with (4) towards
67. Your tie does not go well ___ your shirt.
(1) above (2) with
(3) for (4) over
68. I am grateful ___ him.
(1) with (2) in
(3) for (4) to
69. The subordinate made a remark against his boss that cost his job.
(1) derogatory
(2) complimentary
(3) oblique
(4) conscientious
70. He ___ before the court that he was innocent of the crime.
(1) denied (2) denounced
(3) demanded (4) declared

Directions (71-73) : In the following questions, out of the four alternatives, choose the one which best expresses the meaning of the given word as your answer.

71. Antagonist
(1) non-believer
(2) troublemaker
(3) troubleshooter
(4) opponent
72. Solitary
(1) solid (2) solicitous
(3) lonely (4) voluntary
73. Engross
(1) dismiss (2) oppress
(3) absorb (4) endanger

Directions (74-76) : In the following questions, choose the word opposite in meaning to the, given word as your answer.

74. Callous
(1) careless (2) concerned
(3) caress (4) carefree
75. Comrade
(1) friend (2) associate
(3) follower (4) enemy
76. Stingy
(1) generous (2) prudent
(3) thrifty (4) economical

Directions (77-79) : In the following questions, alternatives are given for the Idiom/Phrase printed in bold in the sentence. Choose the alternative which best expresses the meaning of the Idiom/Phrase as your answer.

77. I **take my hat off** to all those who donate blood regularly.
(1) Congratulate
(2) Welcome
(3) Admire (4) Encourage
78. You must admire the way she **sticks to her guns**.
(1) Maintains her opinion
(2) Holds on to the pistol
(3) Does not let her weapon go
(4) Refuses to shoot
79. You better learn **to toe the line** to avoid consequences.
(1) To be indifferent to rules
(2) To disobey rule
(3) To follow the lead
(4) To make your own rules

Directions (80-84) : In the following questions, a sentence / part of the sentence is printed in bold. Below are given alternatives to the bold part at (1), (2) and (3) which may improve the sentence. Choose the correct alternative. In case no improvement is needed, your answer is (4).

80. The workers were **bent at getting** their dues.

- (1) bent for getting
- (2) bent upon getting
- (3) bent in getting
- (4) No improvement

81. Jatin's case against Jagat was **trivial**.

- (1) insignificant
- (2) harmful
- (3) tolerable
- (4) No improvement

82. How can one adjust among a **passive** lot?

- (1) People who are cold and without feeling
- (2) A lot of crowd
- (3) Indolent people
- (4) No improvement

83. Her activities are limited **only to** cooking and washing clothes.

- (1) limited by
- (2) limited to
- (3) not limited to
- (4) No improvement

84. My sister doesn't have as **much jewellery as my mother**.

- (1) My mother has jewellery but not more than my sister.
- (2) My sister has too much jewellery.
- (3) My mother has more jewellery than my sister.
- (4) No improvement

Directions (85-89) : In the following questions, out of the four alternatives choose the one which can be substituted for the given words/sentence.

85. Men living in the same age

- (1) recent
- (2) modern
- (3) contemporary
- (4) compatriot

86. Someone who is killed fighting for the cause of religion or faith.

- (1) prophet
- (2) martyr
- (3) seer
- (4) mystic

87. A list of books and writings of one author or one subject.

- (1) biography
- (2) lithography
- (3) bibliography
- (4) orthography

88. Yearly celebration of a date or an event.

- (1) birthday
- (2) jubilee
- (3) anniversary
- (4) centenary

89. A list of the names of books

- (1) epilogue
- (2) dialogue
- (3) catalogue
- (4) prologue

Directions (90-92) : In the following questions, there are four different words out of which one is correctly spelt. Find the correctly spelt word as your answer.

90. (1) Retrospect (2) Prospect

(3) Inspector (4) Presept

91. (1) Utterance (2) Uterance

(3) Uttarance (4) Utterence

92. (1) Conscience

(2) Consience

(3) Consience (4) Conscience

Directions (93-95) : In the following questions, groups of four words are given. In each group, one word is wrongly spelt. Find the wrongly spelt word as your answer.

93. (1) Beginning

(2) Ordinery

(3) Disguising

(4) Dignitary

94. (1) Illiterate (2) Tolarate

(3) Co-operate (4) Irritate

95. (1) Continuance

(2) Continuity

(3) Continutie

(4) Continual

Directions (96-100) : In the following questions, you have a passage with 5 questions. Read the passage carefully and choose the best answer to each question out of the four alternatives.

PASSAGE

Michelle Obama plans to go to Oak Creek, Milwaukee, to meet family members of those killed and injured in the gurdwara shooting this month.

The White House said the First Lady's visit on Thursday is part of the administrations outreach to the Sikh community after the August 5 shooting. A gunman killed six people attending Sunday services before killing himself. The gunman was associated with white supremacists and neo-Nazi groups. Investigators say they may never know for certain what prompted his attack.

The Sikh community welcomed the White House announcement as a great gesture. It is great to hear that the First Lady will be comforting the families devastated by the violence in the gurdwara, the chairman of the Sikh Council, Rajwant Singh, said

96. The shootout on August 5 was at

(1) Milwaukee

(2) The White House

(3) Washington

(4) Canada

97. The shootout killed

(1) Americans

(2) Michelle Obama

(3) Sikhs (4) A gunman

98. The gunman was a member of

(1) Oak Creek (2) a gurdwara

(3) neo-Nazi groups

(4) Sikh community

99. What was the cause of the gun-
mans attack?

(1) Distaste for Sunday services

(2) His association with white supremacists and neo-Nazi groups

(3) His hatred for Indians

(4) Particular reason may never be known

100. Rajwant Singh

(1) criticized Michelle Obama

(2) appreciated Michelle Obama

(3) attacked Michelle Obama

(4) grieved over Michelle Obama

PART-IV
GENERAL AWARENESS

- 101.** The upper limit of investment in plant and machinery for small-scale industries has been fixed currently at
(1) ₹ 35 lakhs
(2) ₹ 45 lakhs
(3) ₹ 60 lakhs
(4) ₹ 1 crore
- 102.** Current Fiscal Deficit percentage in GDP is
(1) 7 (2) 4
(2) 8 (4) 1
- 103.** 'Money' is an example of
(1) Sunk capital
(2) Floating capital
(3) Concrete capital
(4) Social capital
- 104.** Elasticity (e) expressed by the formula $1 > e > 0$ is
(1) Perfectly elastic
(2) Relatively elastic
(3) Perfectly inelastic
(4) Relatively inelastic
- 105.** Who developed the innovations theory of profit?
(1) Walker (2) Clark
(3) Knight
(4) Schumpeter
- 106.** 'He, who does not live in a state may either be a saint or an animal'—Who said this?
(1) Montesque
(2) Angels
(3) Sophists
(4) Aristotle
- 107.** The General Elections in India is based on the principle of
(1) proportional representation
(2) territorial representation
(3) functional representation
(4) nominal representation
- 108.** Who has written the famous play "Neel Darpan" depicting the atrocities of British indigo planters?
(1) Prem Chand
(2) Bankim Chandra Chatterjee
(3) Dinabandhu Mitra
(4) Subramania Bharati
- 109.** Who said "Liberty consists in obedience to the general will" ?
(1) Hobbes (2) Rousseau
(3) Green (4) Laski
- 110.** Members of the Executive under Presidential System of Government
(1) are drawn from both the Houses of Legislature
(2) are only from the popular House
(3) are not members of either House of Legislature
(4) become members of Legislature after their appointment
- 111.** Gandhi-Irwin Pact was signed on
(1) March 10, 1930
(2) March 20, 1931
(3) March 12, 1930
(4) March 5, 1931
- 112.** Famous Battle of Talikota was fought in
(1) 1565 A.D. (2) 1575 A.D.
(3) 1585 A.D. (4) 1570 A.D.
- 113.** Who amongst the following succeeded Aurangzeb?
(1) Azam
(2) Kam Baksh
(3) Akbar II (3) Mauzzam
- 114.** Who was the first Indian to qualify for the Indian Civil Services?
(1) Surendra Nath Banerjee
(2) Satyendra Nath Tagore
(3) Subhash Chandra Bose
(4) Rabindra Nath Tagore
- 115.** From which modern State did the Alwar saints originate?
(1) Tamil Nadu (2) Kerala
(3) Karnataka
(4) Maharashtra
- 116.** Peshawar is near to
(1) Karakoram Pass
(2) Zojila Pass
(3) Namika-La Pass
(4) Khyber Pass
- 117.** The Khasi and Garo are the languages of the State of
(1) Manipur (2) Meghalaya
(3) Assam
(4) Tripura
- 118.** The place Sabarimala is situated in which of the following States?
(1) Andhra Pradesh
(2) Tamil Nadu
(3) Kerala (4) Karnataka
- 119.** Which Himalayan Peak is also called 'Sagar Matha' ?
(1) Nanga Parbat
(2) Dhaulagiri
(3) Mt. Everest
(4) Kanchenjunga
- 120.** The term 'Kraal' is used for
(1) House of Masai herder
(2) Fenced villages of Masai herder
(3) Cattle shed of the Kikuyus
(4) Tent of the Kirghiz
- 121.** Who among the following have venous heart?
(1) Mammals (2) Reptilians
(3) Fishes (4) Amphibians
- 122.** One of the following excretes uric acid as its excretory product :
(1) Amoeba (2) Tilapia
(3) Sparrow (4) Camel
- 123.** Smut of wheat is caused by
(1) Ustilago maydis
(2) Puccinia graminis
(3) Ustilago tritici
(4) Colletotrichum falcatum
- 124.** Which base in place of thymine is present in RNA ?
(1) Adenine (2) Guanine
(3) Uracil (4) Cytosine
- 125.** Protein part of enzyme is known as
(1) Isoenzyme
(2) Holoenzyme
(3) Apoenzyme
(4) All the above
- 126.** The hydraulic press utilizes
(1) Pascal's law
(2) Bernoulli's principle
(3) Archimedes' principle
(4) Boyle's law
- 127.** The unit of electrical conductance is
(1) Ohm (2) Ohm-cu
(3) mho (4) mho-cu⁻¹
- 128.** The oil in the wick of lamp rises due to
(1) Pressure difference
(2) Phenomenon of capillarity

- (3) Low viscosity of oil
(4) Force of cohesion
- 129.** Kepler's law of planetary motion states that the square of the time period is proportional to the
- (1) semi-major axis
 - (2) square of the semi-major axis
 - (3) cube of the semi-major axis
 - (4) fourth power of the semi-major axis
- 130.** Arithmetic and Logic Unit
- I. Perform Arithmetic operations
 - II. Store Data
 - III. Perform comparisons
 - IV. Communicate with input devices
- Which of the following is true ?
- (1) I only
 - (2) III only
 - (3) I and II
 - (4) I and III
- 131.** In Word Processing, moving text from one place to another within a document is called as _____.
- (1) Clip Art
 - (2) Search and Replace
 - (3) Cut and Paste
 - (4) Block Operation
- 132.** What MS-DOS command is used to create a subdirectory ?
- (1) DIR/MK
 - (2) MKDIR
 - (3) CHDIR
 - (4) RMDIR
- 133.** Suspension particles have the size between
- (1) 10^{-2} and 10^{-4} cm
 - (2) 10^{-5} and 10^{-7} cm
 - (3) 10^{-8} and 10^{-10} cm
 - (4) 10^{-1} and 10^{-2} cm
- 134.** Iodine value is used to estimate
- (1) Hydroxyl groups in oil
 - (2) Alkali content in oil
 - (3) Unsaturation in oil
 - (4) Carboxylic groups in oil
- 135.** Element 106 was discovered by
- (1) Rutherford
 - (2) Seaborg
 - (3) Lawrence
 - (4) Kurchatove
- 136.** The value of gas constant R in Ergs deg⁻¹ mole⁻¹ is
- (1) 8.314×10^7
 - (2) 8.341×10^7
 - (3) 8.413×10^7
 - (4) 4.183×10^7
- 137.** Time required for the organism to eliminate 50% the total body burden or tissue concentration of chemical is referred as
- (1) Threshold limit time
 - (2) Half-time life
 - (3) Residual period
 - (4) Half-life period
- 138.** The adverse effects occurring within short time of administration of single dose or multiple doses given within 24 hours is defined as
- (1) Chronic toxicity
 - (2) Acute toxicity
 - (3) LD₅₀
 - (4) LC₅₀
- 139.** Radioactive elements can be traced out in living cell through a technique called
- (1) Centrifugation
 - (2) Chromatography
 - (3) Auto radiography
 - (4) All the above
- 140.** The ambient air quality standard (24 hours' average) for lead in industrial area is
- (1) $0.65 \mu\text{g}/\text{m}^3$
 - (2) $0.75 \mu\text{g}/\text{m}^3$
 - (3) $1.0 \mu\text{g}/\text{m}^3$
 - (4) $1.5 \mu\text{g}/\text{m}^3$
- 141.** The first Secretary-General of the United Nations was
- (1) U. Thant
 - (2) Dr. Kurt Waldheim
 - (3) Trygve Lie
 - (4) Dag Hammarskjöld
- 142.** The largest tiger reserve in India is
- (1) Pench
 - (2) Manas
 - (3) Nagarjun
 - (4) Corbett
- 143.** The nearest planet to Sun is
- (1) Venus
 - (2) Jupiter
 - (3) Mars
 - (4) Mercury
- 144.** Recently foundation stone of a new rail coach factory has been laid at
- (1) Amritsar
 - (2) Saharsa
 - (3) Chennai
 - (4) Rae Bareilly
- 145.** Who has been appointed World Bank's new president ?
- (1) Jim Yong Kim
 - (2) Robert Zoelick
 - (3) Ban-Ki-Moon
 - (4) Lumen Daraj
- 146.** India's first microwave remote sensing satellite recently launched is.
- (1) GSAT-12
 - (2) Megha Tropiques
 - (3) RISAT-1
 - (4) Rohini
- 147.** What is the full form of FDI, which is currently in news ?
- (1) Floating Deposit Investment
 - (2) Foreign Direct Investment
 - (3) Foreign Diverse Investment
 - (4) Financial Derivatives in India
- 148.** Fateh Singh Rathore, who died in the year 2011 was a famous
- (1) Wildlife Conservationist
 - (2) Hockey player
 - (3) Painter
 - (4) Musician
- 149.** Bibi-Ka-Maqbara is located in India .at
- (1) Fatehpur Sikri
 - (2) Aurangabad
 - (3) Hyderabad
 - (4) Jaunpur
- 150.** Match the following :
- List-I (Sobriquets)**
- (a) Frontier Gandhi
 - (b) Grand Old Man of India
 - (c) Mahamana
 - (d) Strong Man of India
- List-II (Names)**
1. Madan Mohan Malaviya
 2. Vallabhbhai Patel
 3. Dadabhai Naoroji
 4. Balgangadhar Tilak
 5. Abdul Gaffar Khan
- (1) a - 4, b - 2, c - 3, d - 5
 - (2) a - 5, b - 3, c - 1, d - 2
 - (3) a - 4, b - 2, c - 5, d - 1
 - (4) a - 5, b - 3, c - 2, d - 4

Answers Key

1. (3)	2. (2)	3. (2)	4. (4)
5. (4)	6. (4)	7. (1)	8. (2)
9. (1)	10. (1)	11. (4)	12. (3)
13. (3)	14. (2)	15. (3)	16. (2)
17. (3)	18. (4)	19. (3)	20. (3)
21. (1)	22. (1)	23. (2)	24. (2)
25. (2)	26. (3)	27. (2)	28. (1)
29. (1)	30. (3)	31. (2)	32. (3)
33. (3)	34. (3)	35. (4)	36. (4)
37. (4)	38. (1)	39. (1)	40. (3)
41. (3)	42. (4)	43. (3)	44. (2)
45. (2)	46. (2)	47. (4)	48. (3)
49. (1)	50. (2)	51. (1)	52. (2)
53. (2)	54. (1)	55. (2)	56. (4)
57. (2)	58. (2)	59. (2)	60. (3)
61. (3)	62. (2)	63. (2)	64. (3)
65. (3)	66. (3)	67. (2)	68. (4)
69. (1)	70. (4)	71. (4)	72. (3)
73. (3)	74. (2)	75. (4)	76. (1)
77. (3)	78. (1)	79. (3)	80. (2)
81. (1)	82. (1)	83. (2)	84. (3)
85. (3)	86. (2)	87. (3)	88. (3)
89. (3)	90. (2)	91. (1)	92. (1)
93. (2)	94. (2)	95. (3)	96. (1)
97. (3)	98. (3)	99. (4)	100. (2)
101. (4)	102. (2)	103. (2)	104. (4)
105. (4)	106. (4)	107. (2)	108. (3)
109. (2)	110. (3)	111. (4)	112. (1)
113. (4)	114. (2)	115. (1)	116. (4)
117. (2)	118. (3)	119. (3)	120. (2)
121. (3)	122. (3)	123. (3)	124. (3)
125. (3)	126. (1)	127. (3)	128. (2)
129. (3)	130. (4)	131. (3)	132. (2)
133. (1)	134. (3)	135. (2)	136. (1)
137. (4)	138. (2)	139. (3)	140. (4)
141. (3)	142. (3)	143. (4)	144. (4)
145. (1)	146. (3)	147. (2)	148. (1)
149. (2)	150. (2)		

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