### DO NOT OPEN THE SEAL OF THE QUESTION BOOKLET UNTIL YOU ARE ASKED TO DO SO.

Question Booklet Series Code	Question	Booklet	Series	Code
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Question Book Series No

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Time Allowed: 02.00 hours

Total Questions: 150

Maximum marks: 150

There shall be negative marking @ 0.25 mark per question for wrong /multiple answers.

Before answering any question, check the Booklet and check that it contains 12 pages and no page is missing, mutilated or repeated. In case of defect, get it replaced immediately.

## **INSTRUCTIONS FOR CANDIDATES**

- 1. Fill in the OMR answer sheet, mentioning the Roll No. and other data as required. in the place(s) indicated therein and darken the appropriate circles in **blue** or **black ball point** pen only. Do not write any name/surname or put any symbol, sign, slogan, prayer or any mark of identification in the OMR answer sheet. Do not tamper with the bar-code or any other portion of the OMR answer sheet. **Any such act is liable to render the answer sheet unfit for evaluation.**
- 2. Correcting fluid, eraser, blade, books, textual material, scripts notes/loose paper, calculator, document, slide rules, log tables/ electronic watches, smart watch, cell phone, pager, other electrical/electronic devices etc, are not allowed inside the examination hall. In case the candidate is found to be in possession of any of the above, he/she shall be expelled from the examination without any enquiry as to whether the same was / were used by the candidate or not.
- 3. A machine will read the coded information furnished by you in the OMR Answer Sheet . If the information so furnished by you are incomplete or different from what you have given in the application form , you shall be awarded Zero mark.
- 4. Answer must be given by completely darkening one of the four circles/ovals representing the most appropriate answer given on the Answer Sheet corresponding to the relevant question by using only Black/Blue ball point pen. For Answers not shown by properly darkening in black/blue ball point pen, no marks shall be awarded.
- 5. No Rough work should be done on the OMR Answer Sheet, Space for rough work has been provided in the Question Booklet itself.
- 6. After the examination is over, candidates must ensure to fold the OMR Answer Sheet at the perforation and separate the Original Copy and Candidate's Copy of the Two Part OMR Answer Sheet in the presence of the Invigilator and handover the Original Copy to the Invigilator. The Candidate's Copy of the OMR Answer sheet may be taken by the candidate. Failure to hand over the original copy of the OMR Answer Sheet to the Invigilator before leaving the examination hall/room shall make the candidate liable for penal action.
- 7. Candidates may take with them the respective question-booklet after the examination is over.
- 8. Failure to comply with or violation of any of the above instructions shall be considered as adopting unfair means and action as deemed proper shall be taken.

## **ARITHMETIC**

- 1. In covering a distance of 60 km, Tanu takes 3 hours more than Ritika. If Tanu doubles her speed, then she would take 2 hour less than Ritika. Then, Tanu's speed is:
  - a) 8 kmph
  - b) 6 kmph
  - c) 7.25 kmph
  - d) 8.5 kmph
- 2. Among the following series of numbers, find the odd number out:
  - 37, 43, 47, 53, 61, 71, 73, 81
  - a) 37
  - b) 71
  - c) 73
  - d) 81
- 3. If  $\log_{10} 5 + \log_{10} (5x + 1) = \log_{10} (x + 5) + 1$ , then 'x' is equal to:
  - a) 1
  - b) 3
  - c) 5
  - d) 10
- 4. A dishonest milkman professes to sell his milk at cost price but he mixes it with water and thereby gains 25%. The percentage of water in the mixture is:
  - a) 14%
  - b) 20%
  - c) 25%
  - d) 50%
- 5. If  $\left(\frac{a}{b}\right)^{x-1} = \left(\frac{b}{a}\right)^{x-3}$ , then the value of x is:
  - , ,
    - b) 2/3
    - c) 7/2
    - d) 1
- 6. How many two-digit numbers satisfy this property:

The last digit (unit's digit) of the square of the two-digit number is 2?

- a) 11
- b) 24
- c) 34
- d) None of these
- 7. A man has some hens and cows. If the number of heads be 50 and the number of feet equals 160, then the number of cows will be:
  - a) 22
  - b) 21
  - c) 20
  - d) 30
- 8. The rational number for recurring decimal 0.123123.... is:
  - a) 73/367
  - b) 123/1230
  - c) 123/999
  - d) None of these
- 9. What is the unit digit in  $(7^{97} 3^{53})$ ?

- a) 0
- b) 4
- c) 6
- d) 7
- 10. 88 cubic centimetres of copper is drawn into a wire 1 mm in diameter. The length of the wire in metres will be:
  - a) 84
  - b) 90
  - c) 112
  - d) 336
- 11. The length of a rectangle is halved, while its breadth is tripled. What is the percentage change in area?
  - a) 25% increase
  - b) 50% increase
  - c) 66% decrease
  - d) 50% decrease
- 12. A library has an average of 260 visitors on Sundays and 140 on other days. The average number of visitors per day in a month of 30 days beginning with a Sunday is:
  - a) 180
  - b) 176
  - c) 160
  - d) 215
- 13. The angle between the minute hand and the hour hand of a clock when the time is 8.30 , is:
  - a) 85°
  - b) 75°
  - c) 65°
  - d) 115°
- 14. The last day of a century cannot be
  - a) Monday
  - b) Wednesday
  - c) Thursday
  - d) Friday
- 15. A, B, C rent a grass lawn. A puts 10 Goats for 7 months, B puts 12 Goats for 5 months and C puts 15 Goats for 3 months for grazing. If the total rent of the pasture is Rs. 175, how much must C pay as his share of rent?
  - a) Rs. 45
  - b) Rs. 50
  - c) Rs. 55
  - d) Rs. 60
- 16. On selling 18 balls at Rs. 720, there is a loss equal to the cost price of 6 balls. The cost price of a ball is:
  - a) Rs. 55
  - b) Rs. 50
  - c) Rs. 65
  - d) Rs. 60
- 17. A bank offers 5% compound interest calculated on half-yearly basis. A customer deposits Rs. 1600 each on 1st January and 1st July of a year. At the end of the year, the amount he would have gained by way of interest is:
  - a) Rs. 120

- b) Rs. 121
- c) Rs. 122
- d) Rs. 123
- 18. Two pipes can fill a tank in 20 and 24 minutes respectively and a waste pipe can empty 18 litres per minute. All the three pipes working together can fill the tank in 15 minutes. The capacity of the tank is:
  - a) 460 litres
  - b) 700 litres
  - c) 620 litres
  - d) 720 litres
- 19. The angle of elevation of the sun, when the length of the shadow of a Tower is same as the height of the tower, is:
  - a) 30°
  - b) 45°
  - c) 60°
  - d) 90°
- 20. A batsman scored 144 runs which included 6 boundaries and 8 sixes. What percent of his total score did he make by running between the wickets?
  - a) 65%
  - b) 50%
  - c) 55%
  - d) 45%
- 21. The sum of three numbers is 147. If the ratio of the first to second is 2:3 and that of the second to the third is 5:8, then the second number is:
  - a) 45
  - b) 30
  - c) 48
  - d) 58
- 22. Prachi's father was 28 years of age when she was born while her mother was 26 years old when her brother four years younger to her was born. What is the difference between the ages of her parents?
  - a) 2 years
  - b) 4 years
  - c) 6 years
  - d) 8 years
- 23. The total number of digits used in numbering the pages of a Book having 536 pages is
  - a) 1500
  - b) 1800
  - c) 1611
  - d) 1378
- 24. Anand, Binod and Chandra start at the same time in the same direction to run around a circular stadium. Anand completes a round in 252 seconds, Binod in 308 seconds and Chandra in 198 seconds, all starting at the same point. After what time, will they all be again at the starting point together for the first time?
  - a) 26 minutes and 18 seconds
  - b) 42 minutes and 36 seconds
  - c) 45 minutes
  - d) 46 minutes and 12 seconds

- 25. Uma says, "If you reverse my age, the figures represent my husband's age. He is, of course, senior to me and the difference between our ages is one-eleventh of the sum of our ages." Then Uma's age is
  - a) 43 years
  - b) 34 years
  - c) 45 years
  - d) None of these
- 26. In a 400 m race, the ratio of the speed of two contestants A and B is 3: 4. A has a start of 160 m. Then, A wins by:
  - a) 60 m
  - b) 40 m
  - c) 20 m
  - d) 80 m
- 27. In one hour, a boat goes 13 km/hr along the stream and 7 km/hr against the stream. The speed of the boat in still water (in km/hr) is:
  - a) 10 km/hr
  - b) 5 km/hr
  - c) 11 km/hr
  - d) 9 km/hr
- 28. A 230 metres long train running at the speed of 110 kmph crosses another train running in opposite direction at the speed of 70 kmph in 10 seconds. What is the length of the other train?
  - a) 220 m
  - b) 240 m
  - c) 270 m
  - d) 320 m
- 29. Amit and Sumit can do a piece of work in 20 days and 12 days respectively. Amit started the work alone and then after 4 days Sumit joined him till the completion of the work. How long did the work last?
  - a) 6 days
  - b) 10 days
  - c) 15 days
  - d) 20 days
- 30. The Sum of all Even numbers from 1 to 100 is .
  - a) 2550
  - b) 5100
  - c) 2500
  - d) None of these
- 31. The cost price of 30 toys is the same as the selling price of *x* toys. If the profit is 50%, then the value of *x* is:
  - a) 20
  - b) 30
  - c) 15
  - d) 25
- 32. Which of the following numbers will completely divide (49<sup>15</sup> 1)?
  - a) 8
  - b) 14
  - c) 46
  - d) 50

- 33. The least number of complete years in which a sum of money put out at 20% compound interest will be more than tripled is:
  - 3 a)
  - b) 4
  - 7 c)
  - d) 6
- 34. A hollow iron pipe is 21 cm long and its external diameter is 8 cm. If the thickness of the pipe is 1 cm and iron weighs 9g/cm3, then the weight of the pipe is:
  - a) 41.58 kg
  - b) 4.158 kg
  - c) 41.58 g
  - d) 415.8 g
- 35. If  $2\sqrt{5} + \sqrt{180} = 17.88$ , then what will be the value of  $\sqrt{45 + 7\sqrt{5}}$ ?
  - a) 14.41
  - b) 23.46
  - c) 21.66
  - d) 22.35

# **LOGICAL REASONING**

- 36. If in a Code Language, word 'LATE' is written as 38, then in the same language, word 'MAKE' would be written as:

  - a) 25 b) 26
  - c) 27
  - d) 30
- 37. If A = 1 and AND = 19, Then BAT = ?
  - a) 22
  - b) 23
  - c) 21
  - d) 20
- 38. In the following question, what will come in the place of (?)

- WPZN a)
- b) WQZN
- WQPN c)
- d) WZPN
- 39. In the following series, which number will come in place of the question mark (?) from the given options

- 73 a)
- 77 b)
- 83 c)
- 81 d)
- 40. With the help of options given below, find the suitable number which will come in place of the question mark

BCD X 
$$4 = 492$$

BEF X 1 =

- a) 451
- b) 145
- c) 514
- d) 415
- 41. If a month of a specific year ends on Friday, then how many Tuesdays will be there in that Month?

- a)
- 5 b)
- 3 c)
- d) 6
- 42. If Addition is said to be A, division to be B, Subtraction to be C and Multiplication to be D , then ,what will be the value of the following equation:

- 16 a)
- b) 20
- c) 13
- d) 15
- 43. 'X' walks towards south and then turns right, then left and then right. In which direction is he walking now?
  - South a)
  - North h)
  - West c)
  - d) South-West
- 44. Anil, Raju and Ravi are standing on the corners of an Equilateral triangle in an open ground. Raju walks 3 km to reach Anil. How much will Anil have to walk to reach Ravi and come back to his starting point.
  - a) 3 km
  - b) 4 km
  - c) 5 km
  - d) 6 km
- 45. B is mother of D and C is brother of D. H is daughter of E, whereas, D is wife of E. Then, what is the relation of E with C?
  - a) Father- in -law
  - b) Brother in law
  - c) Uncle
  - d) Brother
- 46. In a specific Code, 'A+B' means A is brother of B; 'A-B' means A is mother of B; 'A X B' means A is father of B; which of the following depicts that

- P + Q + K
- b) PXK+O
- c) P + K X Q
- d) None of these
- 47. From the below given options, find the word which can be formed by using the letters of the given word :-

# **RATIONALISATION**

- **NATIONALIST**
- NATIONALISTIC b)
- REALISATION c)
- d) SITUATION
- 48. Which of the following letter's group is an odd one
  - a) BJN
  - b) FPT
  - c) LQU
  - d) JTV
- 49. From the following, find the number different from others:
  - a) 345

- b) 133
- c) 225
- d) 216
- 50. Find the number of letters between 20<sup>th</sup> letter from Right and 10<sup>th</sup> letter from right, in the English Alphabet :
  - a) 9
  - b) 12
  - c) 7
  - d) 11
- 51. How many meaningful four lettered English words can be made with the letters of 'NDOE' using each letter only once in each word:
  - a) One
  - b) Two
  - c) Three
  - d) More than Three
- 52. Select that series in which letters are not according to a general rule.
  - a) CEGIKM
  - b) MORTVX
  - c) PRTVXZ
  - d) ZBDFHJ
- 53. If 382 is written as 238; 473 as 347; and so on. Then which of the following two numbers will have least difference between them?
  - a) 473 and 382
  - b) 629 and 728
  - c) 629 and 568
  - d) 728 and 847
- 54. Which digit comes in the middle of the given series?
  - 2 4 3 5 4 4 5 6 7 8 8 9 5 6 7 1 7
  - a) 5
  - b) 7
  - c) 6
  - d) 9
- 55. If 'REASON' is coded as 5 and 'BELIEVED' as 7, what is the code number for
  - 'GOVERNMENT'
  - a) 10
  - b) 6
  - c) 9 d) 8
- 56. In a certain code language,

125 = go to school

146 = study in school

135 = run to school

Then, which digit is used for 'run'?

- a) 6
- b) 2
- c) 3
- d) 1
- 57. In the question, one number is wrong in the series. Find out the wrong number.

- a) 2
- b) 5
- c) 14
- d) 124

- 58. Arrange the following words in a logical sequence
  - 1. Country 2. Furniture 3. Forest
  - 4. Wood 5. Trees
  - a) 1,3,5,4,2
  - b) 1,4,3,2,5
  - c) 2,4,3,1,5
  - d) 5,2,3,1,4
- (Q59-61) In these questions, relationship between different elements is shown in the statements. These statements are followed by two conclusions. Give answer
  - a) If only conclusion I follows
  - b) If only conclusion II follows
  - c) If either conclusion I or II follows
  - d) If neither conclusion I nor II follows
  - 59. **Statement** : X > Y , Y > Z , Z > H **Conclusion** : I . X > Z II. H > X
  - 60. **Statement** : H > J = K , K ≥ L , L > T , T <V **Conclusion** : I . K > T II. L ≤H
  - 61. Statement :  $P \ge Q = R > S > T$ Conclusion :  $I . P \ge T$ II. T < Q
- (Q62 64): In each of the following questions, all the equations except one have been solved according to a certain rule. You are required to solve the unsolved equation following the same rule and choose the correct answer out of the given options.
  - 62. 4 X 6 X 2 = 351; 3 X 9 X 8 = 287; 9 X 5 X 6 = ?
    - a) 270
    - b) 845
    - c) 596
    - d) 659
  - 63. 4-4=12; 6-6=30; 2-2=2; 8-
    - 8 = ?
    - a) 8
    - b) 38
    - c) 56
    - d) 16
  - 64. 16 (27) 43 ; 29 (?) 56 ; 36 (12) 48
    - a) 23
    - b) 33
    - c) 27
    - d) 37
  - 65. There are five books A, B, C, D and E . Book C lies above D. Book E is below A. D is above A and B is below E . Which book is at the bottom?
    - a) E
    - b) B
    - c) A
    - d) C

# **DATA INTERPRETATION**

Q66-69) The following questions are based on the following table. Study the table carefully and answer the questions given below.

# Year wise and discipline wise number of Candidates Selected in an Industry (In thousands)

Year								
Discipline	1971	1972	1973	1974	1975	1976		
Science	16	20	25	15	14	16		
Commerce	8	12	12	11	15	13		
Arts	4	8	8.5	10	11	13		
Agriculture	1	3	3	2.5	1	2		
Engineering	0.5	1	1	1	0.5	0.5		
Others	0.5	1	0.5	0.5	0.5	0.5		
Total	30	45	50	40	42	45		

- 66. In which discipline is the number of Selected Candidates increasing every year?
  - a) Science
  - b) Engineering
  - c) Arts
  - d) Commerce
- 67. Approximately, what percentage of Candidates of Science discipline were Selected for the given period?
  - a) 38%
  - b) 42%
  - c) 29%
  - d) 45%
- 68. In which year is the percentage of Agriculture discipline Candidates Selected, the highest?
  - 1972
  - b) 1973
  - 1975 c)
  - 1976 d)
- 69. In which year for the first time did the Arts discipline Candidates constitute more than 25% of the Selected Candidates?
  - a) 1972
  - b) 1975
  - c) 1976
  - d) 1974

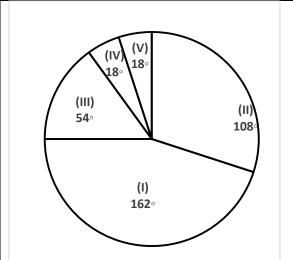
(Q70-71): Study the following table showing Bus fares for different destinations (in rupees) and answer the questions given below it.

Destinations							
	Α	В	С	D	Е		
Male	10	3	5	2	15		
Female	10	2	4	1	12		
Children	5	1	3	1	6		

- 70. Two males, three females and a child purchased tickets for destination E. How much did they pay?
  - a) Rs 72
  - b) Rs 42
  - c) Rs 33
  - d) Rs 60
- 71. For which destinations is the fare for children less than 50% of that of males?

- a) A & B only
- b) B & E only
- c) A, C & E only
- d) E only

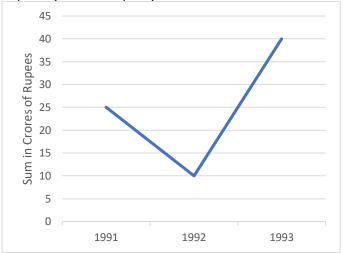
(Q72-76) The total population of a city is 5000. The various Selections of the population are indicated below in the pie chart. Study the pie chart and answer the following questions.



- I. Employees of the Public Selector
- II. Employees of the Private Sector
- III. Employee of the Corporate Sector
- **IV. Self-Employed**
- V. Unemployed
  - 72. What percentage of the employed persons is Self-Employed?
    - a) 5%
    - b)  $5\frac{5}{19}$  %
    - c) 19%
    - d) 20%
  - 73. Number of persons employed in the Corporate Sector is
    - a) 250
    - b) 500
    - c) 750
    - d) 1500
  - 74. The Number of Unemployed persons is
    - a) 250
    - b) 150
    - c) 100
    - d) 50
  - 75. The number of persons employed in both the Public Sector and Corporate Sector is
    - a) 3750
    - b) 3000
    - c) 2500
    - d) 2200
  - 76. What percentage of the employed persons is employed in Private Sector?

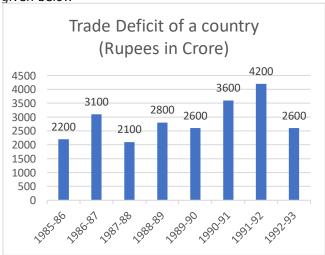
    - a)  $5\frac{5}{19}$  % b)  $15\frac{15}{19}$  % c)  $31\frac{11}{19}$  % d)  $52\frac{12}{19}$  %

(Q77-79) The following graph shows the value of imports of a company for a period of 3 years. Study the graph and answer the questions given below it. Imports (in Crore rupees).



- 77. What was the average import in these years (in Rs Crores)?
  - a) 17.5
  - b) 25
  - c) 35
  - d) 10
- 78. What was the decrease in percentage of import during the year 1992?
  - a) 60
  - b) 600
  - c) 40
  - d) 400
- 79. What was the Percentage of import in the Year 1993 relative to the year 1991?
  - a) 62.5
  - b) 60
  - c) 160
  - d) 266

(Q80-84) The bar diagram given below represents the trade deficit of country (for period of eight years). Study the diagram and answer the questions given below



- 80. The deficit in 1991-92 was roughly how many times the deficit in 1988-89?
  - a) 1.4
  - b) 1.5
  - c) 2.5

- d) 2.8
- 81. The percentage increase in deficit in 1991-92 as compared to the deficit in 1987-88 was
  - a) 200
  - b) 150
  - c) 100d) 130
- 82. In which of the following years, the percentage increase of deficit compared to the preceding year was highest?
  - a) 1990-91
  - b) 1988-89
  - c) 1991-92
  - d) 1986-87
- 83. The deficit in 1990-91 was approximately \_\_\_\_\_ percent of the average deficit.
  - a) 150
  - b) 124
  - c) 90
  - d) 140
- 84. The ratio of the number of years in which the trade deficit is above the average deficit to those in which the trade deficit is below the average deficit is
  - a) 5:3
  - b) 4:3
  - c) 3:5
  - d) 3:4
- (Q 85-89) Study the data given below and answer the following questions.

Six boys A, B, C, D, E and F play a game of cards. Each has a pack of 10 cards. F borrows 2 cards from A and gives away 5 to C who in his turn gives 3 to B, while B gives 6 to D who passes on 1 to E.

- 85. Who has the maximum number of cards?
  - a) D
  - b) A
  - c) E
  - d) F
- 86. How many persons have the number of cards which are prime numbers?
  - a) One
  - b) Two
  - c) Three
  - d) None
- 87. The difference in the number of cards possessed by E and A is
  - a) 1
  - b) 4
  - c) 3
  - d) 5
- 88. Which of the following is definitely true?
  - a) D's number of cards is a multiple of 3
  - b) A possesses greater number of cards than D, B and F.
  - c) 'C' gave away 3 cards to B, whereas B gave away double that number to E
  - d) Even number of cards are possessed by A, C and E.
- 89. The person possessing one less than double the number of cards possessed by A is
  - a) E

- b) D
- c) F
- d) B

(Q 90-94) The questions are based on the following table, showing the courier charges for sending 1 kg parcel from one city to another (which is proportional to distance between cities). Study the table and answer the questions given below.

Cities	Α	В	С	D	Е
Α		10	5	15	10
В			7	25	20
С				20	15
D					10
Ē					

- 90. The cost of sending parcel from city B to city A and then A to E is
  - a) Rs 25
  - b) Rs 20
  - c) Rs 17
  - d) Rs 15
- 91. Among the following, the charges will be the least for sending parcel from
  - 1. A to E
- 2. B to D
- 3. E to D
- 4. C to B
- a) 1
- b) 2
- c) 3
- d) 4
- 92. B city is nearest to
  - a) A
  - b) C
  - c) D
- d) E
- 93. For sending parcel from city C, the least charges will be for city
  - a) A
  - b) B
  - c) D
  - d) E
- 94. For which one of the following will the charges be different from the other three?
  - 1. B to A
- 2. A to E 4. D to B
- 3. D to E a) 1
- b) 2
- c) 3
- d) 4
- (Q 95-97) Use the data given below and answer the questions.

For an Examination consisting of three subjects-Maths, Physics and Chemistry, 280 students appeared. When the results were declared,

185 students had passed in Maths,

- 210 had passed in Physics and
- 222 had passed in Chemistry.

All those except 5 students who passed in Maths, Passed in Physics.

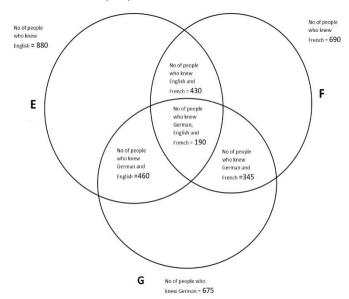
All those except 10 students who passed in Maths, Passed in Chemistry

47 students failed in all the three subjects. 200 students who passed Physics also passed Chemistry.

- 95. How many students passed in all the three subjects?
  - a) 185
  - b) 175
  - c) 170
  - d) 171
- 96. How many students failed in Physics and Mathematics?
  - a) 65
  - b) 18
  - c) 58
  - d) 47
- 97. How many students passed in Maths but failed in both Physics and Chemistry?
  - a) 5
  - b) 10
  - c) 15
  - d) 1

(Q98-100) The questions are based on the Venn diagram given below. Study the diagram carefully and answer the following questions.

Total number of people Interviewed = 1200



- 98. How many people interviewed knew only one of the three languages?
  - a) 345
  - b) 320
  - c) 50
  - d) 190
- 99. How many people knew English alone?
  - a) 450
  - b) 420
  - c) 10
  - d) 180
- 100. How many people knew two or more languages?
  - a) 1235
  - b) 460
  - c) 855
  - d) 1045

#### **COMPUTER/ INTERNET AWARENESS**

- 101. Abacus was the first
  - a) electronic computer
  - b) mechanical computer
  - c) electronic calculator
  - d) mechanical calculator
- 102. Which of the following is the smallest unit of data in a computer?
  - a) Bit
  - b) KB
  - c) Nibble
  - d) Byte
- 103. Which of the following computer language is written in binary codes only?
  - a) Pascal
  - b) Machine language
  - c) C
  - d) C#
- 104. Which shortcut key is used to switch between open programs in Microsoft Windows?
  - a) Alt + Ctrl
  - b) Alt + Esc
  - c) Alt + Del
  - d) Alt + Tab
- 105. In email communication, CC stands for
  - a) Carbon Copy
  - b) Cold Coffee
  - c) Blind Carbon Copy
  - d) Casual copy
- 106. Verification of a login name and password is known as:
  - a) Configuration
  - b) Accessibility
  - c) Authentication
  - d) Logging in
- 107. Which one of the following refers to the technique used for verifying the integrity of the message?
  - a) Digital signature
  - b) Decryption algorithm
  - c) Protocol
  - d) Message Digest
- 108. What does SEO stand for?
  - a) Search Engine Optimal
  - b) Social Engine Optimal
  - c) Search Engine Optimization
  - d) Social Engine Optimization
- 109. \_\_\_\_\_ is required to boot a computer.
  - a) Loader
  - b) Operating system
  - c) Assembler
  - d) Compiler
- 110. The ......enables your computer to connect to other computers.
  - a) Video
  - b) Sound card
  - c) Network Interface Card (NIC)
  - d) Controller card

- 111. Which of the following refers to restarting the system when it is already powered on?
  - a) Hibernation
  - b) A cold boot
  - c) Standby mode
  - d) A warm boot
- 112. In MS-Excel, all formulas must begin with
  - a) /
  - b) (
  - c) =
  - d) %
- 113. The Process of erasing a disk is called:
  - a) Wiping
  - b) Formatting
  - c) Cleaning
  - d) Defragmenting
- 114. In which situation running applications of an user account remains active?
  - a) When we Log Off
  - b) When we Switch User
  - c) When we Shut Down
  - d) When We Reboot
- 115. Which one of the following refers to the copies of the same data (or information) occupying the memory space at multiple places.
  - a) Data Repository
  - b) Data Inconsistency
  - c) Data Mining
  - d) Data Redundancy
- 116. In Excel, which one denoted a range from B1 through E5
  - a) B1 E5
  - b) B1:E5
  - c) B1 to E5
  - d) B1\$E5
- 117. From where we can change the name of an User account in a Computer?
  - a) Settings
  - b) Computer Name
  - c) Code Panel
  - d) Control Panel
- 118. Which is considered a direct entry input device?
  - a) Optical scanner
  - b) Mouse and digitizer
  - c) Light pen
  - d) All of the above
- 119. A storage area used to store data to compensate for the difference in speed at which the different units can handle details
  - a) Memory
  - b) Buffer
  - c) Accumulator
  - d) Address
- 120. What is gutter margin in MS WORD?
  - a) Margin that is added to the left margin when printing
  - b) Margin that is added to right margin when printing

- Margin that is added to the binding side of page when printing
- d) Margin that is added to the outside of the page when printing

## **CURRENT EVENTS**

- 121. Who is the author of Book "How to prevent next pandemic"
  - a) Bill Gates
  - b) Dr. Soumya Swaminathan
  - c) Dr.Bhavdeep Kang
  - d) Dr Ashish Kumar Jha
- 122. Humza Yusuf is
  - a) Scotland's first Minister
  - b) Foreign minister of Turkey
  - c) Home Minister of Lebanon
  - d) Defence Minister of Syria
- 123. Donald Trump was recently indicted by a US Court for
  - a) His allegedly role in Hush Money payment
  - b) Attempted Election manipulation
  - c) Tax evasion
  - d) Inciting 6th January 2022 mob
- 124. In March 2023 there were protests in Paris. The reason of protests was
  - a) Price rise
  - b) Deteriorating Law and Order situation
  - c) Enhancing the age of retirement from 62 to 64 for pension purpose
  - d) Reducing the age of retirement from 64 to 62 years for pension purpose
- 125. Antaryami Mishra was recently awarded Padmashree. In which field did he excel?
  - a) Literature
  - b) Farming
  - c) Dance
  - d) Music
- 126. Large scale protests held in March 2023 in Israel were against
  - a) Compulsory Military Service
  - b) Proposal to amend the Constitution to reduce the powers of Judiciary
  - c) Price rise / inflation
  - d) For more aggressive policy against Palestine
- 127. Who is the current Chief Minister of Tripura?
  - a) DasrathiDebbarma
  - b) Manik Sarkar
  - c) Manik Saha
  - d) Biplab Kumar Deb
- 128. Who is the current Chief Minister of Nagaland
  - a) S.C Jamir
  - b) Neiphiu Rio
  - c) T.R. Zeliang
  - d) Shurhozelie Liezietsu
- 129. Vivan Sundaram died on 29 March 2023. In what field did he distinguished himself?
  - a) Art
  - b) Music
  - c) Literature

- d) Athletics
- 130. Sarad Yadav died in January 23. During his long political career which of the following ministry he did not hold the charge of?
  - a) Ministry of Civil Aviation
  - b) Ministry of Textiles
  - c) Ministry of Labour
  - d) Ministry of Health & Family Welfare
- 131. Who is the current Managing Director of International Monetary Fund
  - a) Rodrigo Rato
  - b) Dominique Strauss-Khan
  - c) Kristalina Georgieva
  - d) Christine Lagarda
- 132. Who won the Sahitya Akademi Award for Odia literature in 2022
  - a) Harekrushna Mallick
  - b) Gayatribala Panda
  - c) Yashodhara Mishra
  - d) Dasarathy Das
- 133. Who is the new CEO of Starbucks?
  - a) Laxman Narasimhan
  - b) Arvind Krishna
  - c) Shantanu Narayan
  - d) Ajay Banga
- 134. Who is the present Minister of industries in Odisha Govt?
  - a) Pratap Keshari Deb
  - b) Ashok Chandra Panda
  - c) Samir Ranjan Das
  - d) Rohit Pujari
- 135. Who is present advocate General of Odisha?
  - a) Ashok Kumar Parija
  - b) Ramakant Mohapatra
  - c) Ashok Mohanty
  - d) Jayant Das
- 136. Who is the present president of Nepal?
  - a) Ram Chandra Paudel
  - b) Bidya Devi Bhandari
  - c) Ram Baran Yadav
  - d) None of above
- 137. In which field does Nandita Das excel?
  - a) Dance
  - b) Film Director and Acting
  - c) Science
  - d) Sports
- 138. A recent joint survey by Directorate of Mining of Govt. of Odisha and GSI found gold reserves in said 3 districts of Odisha. Which among following is not one of the 3 districts?
  - a) Deogarh
  - b) Keonjhar
  - c) Mayurbhanj
  - d) Sundergarh
- 139. "Ret Samadhi" (Tomb of sand) by Gitanjali Shree was recently awarded international booker prize.
  - Who translated the book from Hindi to English?
  - a) Gitanjali Shree herself

- b) Daisy Rockwell
- c) Shashi Tharoor
- d) Arunav Sinha
- 140. Who received 57thGyanapith award in 2022?
  - a) Amitabh Ghosh
  - b) A.A. Namboothiri
  - c) Damodar Mauzo
  - d) Nilamani Phookan
- 141. As per live stock census 2019, what was total live stock population of Odisha?
  - a) 282 Lakh
  - b) 72 Lakh
  - c) 156 Lakh
  - d) 182 Lakh
- 142. In 2021-22 how much rice did Odisha produce?
  - a) 82.91 MT
  - b) 92.91 MT
  - c) 102.91 MT
  - d) 72.91 MT
- 143. Who was top scorer in Hockey World Cup 2023?
  - a) Jeremy Hay
  - b) Tom Boon
  - c) Victor Charlet
  - d) Jip Janssen
- 144. Who has written the Book "The Body Keeps The Score: Brain, Mind and Body in the healing of Trauma?
  - a) Adam Grant
  - b) James Clear
  - c) Bessel Van Der Kolk
  - d) Yuval Noah Harari
- 145. In which country was a draconian Anti LGBT Law proposed recently which attracted international attention?
  - a) Nigeria
  - b) Ghana
  - c) Iran
  - d) Saudi Arabia
- 146. Who has written "Atomic Habits"?
  - a) James Clear
  - b) Charles Duhigg
  - c) Daniel Goleman
  - d) Stephen King
- 147. By a recent judgement U.S. Supreme Court overturned its own earlier judgement in Row vs. Wade. What is the subject matter of judgement?
  - a) Right of persons arrested in terrorist cases.
  - b) Right of accused to maintain silence during interrogation.
  - A pregnant women's liberty to choose abortion
  - d) None of above
- 148. Which of following is true?
  - a) Credit Suisse is being acquired by UBS
  - b) UBS is being acquired by Credit Suisse

- Neither UBS nor Credit Suissee is acquired by any company
- d) Both UBS and Credit Suissess are being acquired by Bank of England
- 149. Who won men's Singles Championship of Australian Open 2023?
  - a) Tommy Paul
  - b) Novoc Djokovic
  - c) Stefanos Tstisipas
  - d) Roger Federer
- 150. Who has composed Theme song of Odisha Millet Mission?
  - a) A.R. Rehman
  - b) Anu Malik
  - c) Preetam
  - d) Ricky Tej