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OSSC CGL
(Prelims)
Previous Year Paper
20 Oct, 2024

Do not open the Seal of the Question Booklet until you are asked to

Question Booklet Code: **A**   Question Booklet Series No: **150557**

Time Allowed: **150 Minutes**   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 that it contains **16 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. 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, script notes / loose paper, calculator, document, slide rules, log tables / electronic watches, smart watch, cell phone, pager, electrical/ electronic devices etc, are not allowed inside the examination hall. In case the cand is found to be in possession of any of the above, he / she shall be expelled from the examin, 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. I information so furnished by you is 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. 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.

SEAL

Arithmetic

1. If the ages of P and R are added to twice the age of Q, the total becomes 59. If the ages of Q and R are added to thrice the age of P, the total becomes 68. If the age of P is added to thrice the age of Q and thrice the age of R, the total becomes 108, what is the age of P?
   a) 15 years
   b) 19 years
   c) 17 years
   d) 12 years

2. The difference between a two-digit number and the number obtained by interchanging the position of the digits of the number is 27. What is the difference between the digits of that number?
   a) 2
   b) 3
   c) 4
   d) Cannot be determined

3. $55 \times 55 \div 11 \times 9 \div 9 \div \frac{495}{11} = ?$
   a) $\frac{45}{8}$
   b) $\frac{65}{11}$
   c) $\frac{53}{9}$
   d) $\frac{55}{9}$

4. $\frac{2}{7} \div \frac{4}{5} \times \frac{7}{9} \times 9 \div 5 = ?$
   a) 1.5
   b) 1
   c) 0.5
   d) 0.4

Direction (Q No. 5-6): Find the missing numbers in the following series.

5. 13 ,14 ,30 ,93 ,376 ,1885 ,?
   a) 10818
   b) 10316
   c) 11316
   d) 11318

6. 27 ,98 ,36 ,89 ,45 ,?
   a) 78
   b) 79
   c) 80
   d) 81

7. The average age of 24 students and the class teacher is 16 years. If the class teacher's age is excluded, the average reduces by one year. What is the age of the class teacher?
   a) 50 years
   b) 45 years
   c) 40 years
   d) Data inadequate

8. A batsman in his 12th innings makes a score of 65 and thereby increases his average by 2 runs. What is his average after the 12th innings if he had never been 'not out'?
   a) 42
   b) 43
   c) 44
   d) 45

9. There were 35 students in a hostel. Due to the admission of 7 new students, the expenses of mess were increased by ₹ 42 per day while the average expenditure per head diminished by ₹ 1. What was the original expenditure of the mess?
   a) ₹400
   b) ₹420
   c) ₹445
   d) ₹465

10. 405 sweets were distributed equally among children in such a way that the number of sweets received by each child is 20% of the total number of children. How many sweets did each child receive?
    a) 7
    b) 9
    c) 18
    d) 45

11. A scooter costs ₹ 25,000 when it is brand new. At the end of each year, its value is only 80% of what it was at the beginning of the year. What will be the value of the scooter at the end of 3 years?
    a) ₹ 10,000
    b) ₹ 12,500
    c) ₹ 12,800
    d) ₹ 12,000

12. X and Y put in ₹ 3,000 and ₹ 4,000 respectively into a business. X reinvests into the business his share of the first year's profit of ₹ 2,100 whereas Y does not reinvest. In what ratio should they share the second year's profit?

a) 39 : 40
b) 3 : 4
c) 3 : 7
d) 40 : 79

13. 6 litres of a 20% solution of alcohol in water are mixed with 4 litres of a 60% solution of alcohol in water. The percentage alcoholic strength of the mixture is:
   a) 80
   b) 40
   c) 36
   d) 48

14. Pure milk costs ₹ 3.60 per litre. A milkman adds water to 25 litres of pure milk and sells the mixture at ₹ 3 per litre. How many litres of water does he add?
   a) 2 litres
   b) 5 litres
   c) 7 litres
   d) 11 litres

15. By selling an article for ₹ 96, double profit is obtained than the profit that would have been obtained by selling it for ₹ 84. What is the cost price of the article ?
   a) ₹ 72.00
   b) ₹ 75.00
   c) ₹ 70.00
   d) ₹ 68.00

16. For a certain article, if discount is 25%, the profit is 25%. If the discount is 10%, then the profit is:
   a) 10%
   b) 20%
   c) 35%
   d) 50%

17. There are two shopkeepers, first shopkeeper calculates his profit percent on the selling price whereas the second shopkeeper calculates his profit percent on the cost price. If the selling price for both the shopkeeper is same and the difference between their profits is ₹ 175. Calculate the sum of the cost price for both the shopkeepers if the profit percentage for both the shopkeepers is 25%.
   a) ₹ 5425
   b) ₹ 4875
   c) ₹ 4675
   d) ₹ 5275

18. Difference between the compound interest and the simple interest accrued on an amount of ₹ 18000, in two years was ₹405. What was the rate of interest per annum?
   a) 16
   b) 12
   c) 15
   d) Cannot be determined

19. A lent ₹ 5000 to B for 2 years and ₹ 3000 to C for 4 years on simple interest at the same rate of interest and received ₹ 2200 in all from both of them as interest. The rate of interest per annum is:
   a) 5%
   b) 7%
   c) $7\frac{1}{8}\%$
   d) 10%

20. A sum of ₹ 725 is lent in the beginning of a year at a certain rate of interest. After 8 months, a sum of ₹ 362.50 more is lent but at the rate of interest twice the former. At the end of the year, ₹ 33.50 is earned as interest from both the loans. What was the original rate of interest?
   a) 3.6%
   b) 4.5%
   c) 5%
   d) 3.46%

21. 7 men and 4 boys can complete a work in 6 days. A man does double the work than a boy. In how many days will 5 men and 4 boys complete the work?
   a) 5
   b) 4
   c) 6
   d) None of the above

22. 'A' completes a work in 12 days. 'B' completes the same work in 15 days. 'A' started working alone and after 3 days B joined him. How many days will they now take together to complete the remaining work?
   a) 5
   b) 8
   c) 6
   d) 4

23. A contractor undertakes to make a mall in 60 days and he employs 30 men. After 30 days it is found that only one-third of the work is completed. How many extra men should he employ so that the work is completed on time?

CRMN-ENG-A-3

a) 20 men
b) 25 men
c) 30 men
d) 40 men

24. Two cars A and B are running towards each other from different places 88 km apart. If the ratio of the speeds of the cars A and B is 5 : 6 and the speed of the car B is 90 km per hour then after how long will the two meet each other?
a) $26\frac{2}{3}$ minutes
b) 24 minutes
c) 32 minutes
d) 36 minutes

25. A truck covers distance of 376 km at a certain speed in 8 hours. How much time would a car take at an average speed which is 18 kmph more than that of the speed of the truck to cover a distance which is 14 km more than that travelled by the truck?
a) 6 hours
b) 5 hours
c) 7 hours
d) 8 hours

26. A 240 meter long train running at the speed of 60 kmph will take how much time to cross another 270 meter long train running in opposite direction at the speed of 48 kmph?
a) 17 seconds
b) 3 seconds
c) 12 seconds
d) 8 seconds

27. A motorboat, whose speed is 15 km/hr in still water goes 30 km downstream and comes back in 4 hours 30 minutes. The speed of the stream is:
a) 3 km/hr
b) 5 km/hr
c) 7 km/hr
d) 10 km/hr

28. A boatman goes 2 km against the current of the stream in 1 hour and goes 1 km along the current in 10 minutes. How long will it take to go 5 km in stationary water?
a) 40 minutes
b) 1 hour
c) 1 hour and 15 minutes
d) 1 hour and 30 minutes

29. If the price of petrol has increased from Rs.40 per litre to Rs.60 per litre, then by how much percent a person has to decrease his consumption of petrol so that his expenditure remains the same?
a) 66.66%
b) 45.45%
c) 43.43%
d) 33.33%

30. A man took loan from a bank at the rate of 12% p.a. simple interest. After 3 years, he had to pay Rs.5,400 interest only for that period. The principal amount borrowed by him was:
a) Rs.10,000
b) Rs.12,000
c) Rs.15,000
d) Rs.20,000

Data Interpretation

Direction (Q No. 31-35): In the given table some data is given about some different schools. Some data is given and some data is missing. Study the given data carefully and answer the related questions.

School	No of boys	No of girls	No of boys : No of girls	Fees of a boy	Fees of a girl	Boy's fee: Girl's fee	Total Fees collection
A	500	?	2:3	?	?	5:3	190000
B	?	600	3:2	800	?	2:1	?
C	1000	?	2:1	?	?	3:2	250000
D	?	?	5:4	700	500	?	220000
E	800	1200	?	?	?	1:1	200000

31. Fee of a boy in school A is what percent of that of a boy in school D?
a) 28.5%
b) 29.5%
c) 27.5%
d) 33.3%

32. What is the difference between total collection from boys and total collection from girls in school D?
a) 40000
b) 60000
c) 80000
d) 20000

33. What is the respective ratio of average fee of a student in school B and that of a student in school C?
   a) 92 : 27
   b) 25 : 96
   c) 96 : 25
   d) 91 : 30

34. What is the difference between the average number of boys in all schools together and that of girls in all schools together?
   a) 30
   b) 40
   c) 48
   d) 38

35. Total collection from boys in school E is what percent more/less than that of girls in same school?
   a) 20%
   b) 25%
   c) $16\frac{2}{3}\%$
   d) None of the above

Direction (Q Nos. 36-40): Study the information carefully to answer the questions that follow:

A school consisting of a total of 1560 students has boys and girls in the ratio of 7 : 5 respectively. All the students are enrolled in different types of hobby classes, viz: Singing, Dancing and Painting. One-fifth of the boys are enrolled in only Dancing classes. Twenty percent of the girls are enrolled in only Painting classes. Ten percent of the boys are enrolled in only Singing classes. Twenty four percent of the girls are enrolled in both Singing and Dancing classes together. The number of girls enrolled in only Singing classes is two hundred percent of the boys enrolled in the same. One-thirteenth of the boys are enrolled in all the three classes together. The ratio of boys enrolled in Dancing and Painting classes together to the girls enrolled in the same is 2 : 1 respectively. Ten percent of the girls are enrolled in only Dancing classes whereas eight percent of the girls are enrolled in both Dancing and Painting classes together. The remaining girls are enrolled in all the three classes together. The number of boys enrolled in Singing and Dancing classes together is fifty percent of the number of girls enrolled in the same. The remaining boys are enrolled in only Painting classes.

36. What is the total number of boys who are enrolled in Dancing?
   a) 318
   b) 364

   c) 292
   d) 434

37. Total number of girls enrolled in Singing is **approximately** what percent of the total number of students in the school?
   a) 37
   b) 19
   c) 32
   d) 26

38. What is the total number of students enrolled in all the three classes together?
   a) 135
   b) 164
   c) 187
   d) 142

39. Number of girls enrolled in only Dancing classes is what percent of the boys enrolled in the same? (rounded off to two digits after decimal)
   a) 38.67
   b) 35.71
   c) 41.83
   d) 28.62

40. What is the respective ratio of the number of girls enrolled in only Painting classes to the number of boys enrolled in the same?
   a) 77 : 26
   b) 21 : 73
   c) 26 : 77
   d) 73 : 21

Directions (Qs. 41-45): Study the following information carefully and answer the questions that follow:

An organisation consists of 2400 employees working in different departments, viz; HR, Marketing, IT, production and Accounts. The ratio of male to female employees in the organisation is 5 : 3 respectively. Twelve per cent of the males work in HR department. Twenty four per cent of the females work in the Accounts department. The ratio of males to females working in HR department is 6 : 11 respectively. One-ninth of the females work in the IT department. Forty two percent of the males work in the production department. Number of females working in the production department is ten percent of the males working in the same. The remaining females work in the Marketing department. The total number of employees working in the IT department is 285. Twenty two

percent of the males work in the Marketing department and the remaining work in the Accounts department.

41. The number of males working in the IT department forms **approximately** what percent of the total number of males in the Organisation?
a) 5
b) 12
c) 21
d) 8

42. How many males work in the Accounts department?
a) 170
b) 165
c) 185
d) None of the above

43. The total number of employees working in the Accounts department forms what percent of the total number of employees in the organization? (rounded off to two digits after decimal)
a) 19.34
b) 16.29
c) 11.47
d) 23.15

44. The number of females working in the production department forms what percent of the total number of females in the organization?
a) 7
b) 12
c) 4
d) 15

45. What is the total number of females working in the HR and Marketing department together?
a) 363
b) 433
c) 545
d) 521

Direction (Q Nos. 46-50): Study the information carefully to answer the following questions.

There are 7200 students in an engineering college. The ratio of boys and girls is 7 : 5, respectively. All the students are enrolled in six different specialisations viz., B. Tech. (electronics), B. Tech. (computer science), B. Tech. (Mechanical), B. Tech. (Aerospace), B. Tech. (nano technology), B. Tech. (civil). 22% of the total students are in B. Tech. (nano technology). 16% of the girls are in B. Tech. (computer science). 18% of boys are in B. Tech. (Mechanical). Girls in B. Tech. (civil) are 30% of the girls in B. Tech. (computer science). 15% of boys are in B. Tech. (electronics). Boys in B. Tech (computer science) are 50% of the girls in the same 15% of girls are in B. Tech. (aerospace). The ratio of boys to girls in B. Tech. (civil) is 3 :1 respectively. 24% of the total numbers of students are in B. Tech. (electronics). The ratio of boys to girls in B. Tech. (aerospace) is 12 : 5, respectively.

46. What is the total number of students enrolled in B. Tech. (mechanical)?
a) 1062
b) 1530
c) 1584
d) 1728

47. Number of girls enrolled in B. Tech. (electronics) forms approximately what per cent of total number of students in the college?
a) 7%
b) 13%
c) 15%
d) 22%

48. What is the total number of girls enrolled in B. Tech. (nano technology)?
a) 144
b) 306
c) 365
d) 522

49. Number of boys enrolled in B. Tech. (aerospace) forms, what per cent of the total number of girls enrolled in B. Tech (computer science)?
a) 187.5%
b) 200%
c) 212.5%
d) 225%

50. What is the total number of boys enrolled in B. Tech. (civil)?
a) 240
b) 432
c) 630
d) 756

Total number of visitors and Percentage of male out of these visitors are given.

Districts	Museum	
	Total visitors (Male and Female)	Percentage of male out of total visitors
A	250	40%
B	350	44%
C	375	60%
D	450	56%
E	300	55%
F	525	32%

51. Total number of female visitors from districts B and C together to see the museum are how much more/less than total number of male visitors from district C and D together to see the museum?
   a) 142
   b) 126
   c) 128
   d) 131

52. Average number of visitors from district A, B and C together to see the museum are approximately what percent of the average number of visitors from district D, E and F together to see the museum.
   a) 71%
   b) 76%
   c) 78%
   d) 74%

53. Find the ratio of the male visitors from district E and F together to see the museum to the female visitors from district C and D together to see the museum?
   a) 107 : 117
   b) 116 : 111
   c) 111 : 116
   d) 117 : 107

54. Male visitors from district C to see the museum are what percent more/less than the female visitors from district E to see the museum? (Calculate up to two decimal points)

   a) $33\frac{1}{3}$ %
   b) $33\frac{2}{3}$ %
   c) $66\frac{1}{3}$ %
   d) $66\frac{2}{3}$ %

55. Find the difference between the total number of male visitors from district B, C and D together to see the museum and the total number of female visitors from district D, E and F together to see the museum?
   a) 25
   b) 75
   c) 60
   d) None of the above

Directions (Qs. 56-60): These questions are based on the following information. Study the information carefully and answer the questions.

Two companies A and B have some employees in three departments Marketing, Finance and HR.

Company A: There are 64 existing employees in company A and 2 employees in each department were added. Ratio of total employees of HR and Marketing department together (existing and added) to existing and added employees of Finance department is 4 : 3.

Company B: HR department has 6 employees and no new employee added in HR department. Marketing department has 10 existing employees. Employees joining Marketing department are half of that in Finance. Total employees, existing and new employees including in company B is 36.

- Total Marketing employees (Existing and Added) of Company A are 6 more than that of Company B.
- Sum of Existing employees of HR department in company A and existing employees of Marketing department of company B is 28.

56. What is the difference between existing employees of Marketing and Finance department in company A ?
   a) 9
   b) 11
   c) 14
   d) 10

57. What is the percentage of existing employees of HR department in company A to the existing employees of HR department in company B?

a) 2500%
b) 300%
c) 190%
d) 160%

58. What is the ratio of total employees added in company B to company A?
   a) 1 : 2
   b) 3 : 2
   c) 2 : 1
   d) 2 : 3

59. How many existing employees are there in finance department in company B?
   a) 8
   b) 16
   c) 10
   d) 12

60. What is the average number of existing employees in all departments in company A and company B? (Approx.)
   a) 13
   b) 15
   c) 17
   d) 11

Logical reasoning

Direction (Q Nos. 61-62): In each of the following questions select the related number from the given alternatives.

61. $\frac{1}{9} : \frac{1}{81} :: \frac{1}{13} :$ _____
   a) $\frac{1}{169}$
   b) $\frac{1}{125}$
   c) $\frac{1}{120}$
   d) $\frac{1}{127}$

62. 20 : 11 :: 102 : _____
   a) 49
   b) 52
   c) 61
   d) 58

63. Select the option that is related to the third number in the same way as the second number is related to the first number.

16 : 240 :: 6 : _____
   a) 25
   b) 35
   c) 40
   d) 30

Direction (Q Nos. 64-65): In each of the following questions select the related alphabets from the given alternatives.

64. FLRX : EJOT :: CKTY : _____
   a) BIQV
   b) DIPQ
   c) DHQU
   d) BIQU

65. BOMBAY : CNNABX :: _____ : DMMBLY
   a) CNCLBZ
   b) CNLCAZ
   c) CNLCBX
   d) CNLCKZ

66. T is the sister of D. D is married to P. P is the son of M. T is the mother of J. Y is the father of U. Y has only one son and only one daughter. U is the daughter of T. Q is the son of D. If M is the wife of W, then how is Q related to W?
   a) Son-in-law
   b) Son
   c) Grandson
   d) Nephew

67. A man and a woman are sitting in a room. The man's mother-in-law and the woman's mother-in-law are mother and daughter respectively. How is the man related to the woman?
   a) Father
   b) Father-in-law
   c) Grandfather
   d) Brother

68. Six members of a family namely A, B, C, D, E and F are travelling together. B is the son of C but C is not the mother of B. A and C are a married couple. E is the brother of C. D is the daughter of A. F is the brother of B. How many male members are there in the family?
   a) 3
   b) 2
   c) 4
   d) 1

69. Disha said to her friend, "That girl playing with the dog is the younger of the two sisters of the son of my mother's husband." How is the girl playing with the dog related to Disha?
    a) Grand daughter
    b) Mother
    c) Sister
    d) Daughter-in-law

70. A boat moves from a jetty towards East. After sailing for 9 nautical miles, it turns towards right and covers another 12 nautical miles. If it wants to go back to the jetty, what is the shortage distance from its present position?
    a) 21 nautical miles
    b) 20 nautical miles
    c) 18 nautical miles
    d) 15 nautical miles

71. There are 5 girls – Rita, Sabita, Tania, Punam and Anju sitting in a row facing North. Tania is sitting exactly in the middle of the row. Anju is sitting to the immediate right and immediate left of Punam and Tania respectively. Sabita is not sitting at the extreme end. Who is sitting third to the left of Rita?
    a) Punam
    b) Anju
    c) Sabita
    d) Tania

72. A woman while shopping in a mall pushes her trolley 20 meters through an alley which is going East, then she turns to her left and walks 30 meters, then she turns west and walks another 30 meters, then she turns South and walks 30 meters and then she turns to her right and walks 25 meters. Where is she now with reference to her starting position?
    a) 35 meters West
    b) 35 meters East
    c) 5 meters West
    d) 5 meters East

73. Rani travelled 35 km from a point towards South and then turned left and travelled 20 km and finally turned left again and travelled 35 km. In which direction is she from the starting point?
    a) East
    b) West

    c) North
    d) South

74. Harry remembers that his father's birthday is between 13th of June and 16th of June, whereas his sister remembers that their father's birthday is between 14th of June and 18th of June. On which day is their father's birthday, which both agree?
    a) 14th of June
    b) 15th of June
    c) 16th of June
    d) 17th of June

75. Ramesh was born on 29th February. He celebrated his birthday falling on exactly 29th February 2008 for the fourth time. In which year was he born?
    a) 1992
    b) 2004
    c) 2000
    d) 1996

76. Anil is 300 days older than Bikash and Sachin is 50 weeks older than Anil. If Sachin was born on Tuesday, on which day was Bikash born?
    a) Monday
    b) Thursday
    c) Friday
    d) Tuesday

77. Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

    LAS, NFW, MKD, OPH, LUS, ?
    a) NZH
    b) MYX
    c) NZW
    d) MXW

78. If A = 1, AND = 19, then ANT = _____?
    a) 35
    b) 33
    c) 23
    d) 19

79. If B = 2, A = 1, M = 3, R = 5, E = 6, O = 7, then the sum of the letters of which of the following words will give the highest value?
    a) BORE

b) ROOM
c) MORE
d) RARE

80. In a certain code language, if 'PICTURE' is coded as 16932021185, then how will 'FUNCTION' be coded in the same language?
   a) 6211432091413
   b) 6211432081514
   c) 6211432091514
   d) 6211332091513

81. In a certain code language, 'this is fact' is written as 'cuz duz ruz', 'fact is fictional' is written as 'guz ruz cuz' and 'doubt is clear' is written as 'cuz kuz buz'. How will 'this is fictional' be written in this language?

   a) duz guz ruz
   b) duz buz cuz
   c) kuz guz ruz
   d) duz guz cuz

82. In a certain code language, if 'COMFORTS' is written as 'FJPARMWN', then what will be the code for 'HINDWARE' in the same language?
   a) KDRYZVUZ
   b) LERZAWVA
   c) KDQYZVUZ
   d) MFSABXWB

83. In a certain code language, "pen" means "paper", "paper" means "yellow", "yellow" means "blanket", "blanket" means "shirt" and "shirt" means "pencil". Where do we write?
   a) pen
   b) blanket
   c) yellow
   d) shirt

84. In a certain code language, 'RESIST' is written as 'OANPOE' and 'DIGENE' is written as 'CEZAJA'. 'JECNAC' is the code of which of the following words in the same language?

   a) WINGER
   b) GINGER
   c) GERMAN
   d) WINNER

Directions (Q Nos 85-86) : In the following question a word is followed by four other words, one of which cannot be formed by using the letters of the given word.

85. **RAPPROCHEMENT:**
   a) MACHETE
   b) APPROCH
   c) RAPID
   d) TEAM

86. **EXORBITANT:**
   a) BITTER
   b) EXPORT
   c) EXNORA
   d) EXTANT

Directions (Q Nos 87-88) : Some statements are given followed by some conclusions. You have to decide which of the given conclusions, if any, follow from the given statements.

87. **Statements:**

   I.   Some human creatures are angels.
   II. All doctors are angels.

Conclusions:

   I.   Some human creatures are doctors.
   II. Some doctors are human creatures.

   a) Only conclusion I follows.
   b) Only conclusion II follows.
   c) Either conclusion I or conclusion II follows.
   d) Neither conclusion I or conclusion II follows.

88. **Statements:**

   I.   All men are bachelors.
   II.   Some bachelors are teachers.
   III. Some spirituals are teachers.

Conclusions:

   I.   All men are spiritual.
   II.   Some teachers are spiritual.
   III. Some men are spiritual.
   IV.   All teachers are spiritual.

   a) Only conclusion I follows.
   b) Only conclusion II follows.
   c) Only conclusion III follows.
   d) Only conclusion IV follows.

89. Five articles A, K, P, R and T are kept one above another (not necessarily in the same order). Only T is between K and P. P is below K. R is just below P. A is three places below T. Which article is at the bottom?
   a) T
   b) P
   c) R
   d) A

90. Five boys, G, K, P, R and T, are sitting around a circular table facing towards the centre (not necessarily in the same order). R is third to the left of K, P and G are the immediate neighbours of K. T is to the immediate left of P. Who is sitting second to the right of P?
   a) G
   b) K
   c) T
   d) R

Current events

91. In which country did Supreme Court order shut down of social media Platform 'X' in August 2024?
   a) Japan
   b) Brazil
   c) Argentina
   d) Chile

92. Bandar Seri Begawan, which Prime Minister Mr. Narendra Modi visited recently, is capital of which country ?
   a) Brunei
   b) Indonesia
   c) Vietnam
   d) Laos

93. Founder and CEO of "Telegram" was arrested in France in last week of August. What is his name?
   a) Elon Musk
   b) Pavel Durov
   c) Tim Cook
   d) Mark Zuckerberg

94. World Drug Report 2024 was released in June, 2024 by which of the following organizations ?
   a) WHO
   b) UNDP
   c) UNODC
   d) UNESCO

95. Monkey pox was declared by WHO a "Public Health Emergency of International Concern". Most monkey pox cases this year were reported from :
   a) Asia
   b) Africa
   c) Europe
   d) Latin America

96. President of India Smt. Droupadi Murmu went on a three nation official visit in August, 2024. Which among the following was not a part of her official visit?
   a) Timor-Leste
   b) Fiji
   c) Australia
   d) New Zealand

97. There were wide spread protests in Paris in early September, 2024. What were the protests about ?
   a) Against price rise
   b) Against choice of Michel Barnier as new Prime Minister
   c) Against large scale immigration
   d) Against large scale corruption

98. Nvidia Company lost over USD 250 billion in one day on stock exchange, recently. What is the primary business of Nvidia?
   a) AI Chip
   b) Oil & Gas
   c) Finance
   d) Software

99. SCO Summit was held in Astana, Kazakhstan in July, 2024. Which among the following countries is not a full-time member of SCO?
   a) China
   b) Russia
   c) Iran
   d) Bangladesh

100. Which of following is not true for Subhadra Yojana of Odisha Government?
   a) It is approved from FY 2024–25 to FY 2028-29
   b) Women aged 21 to 65 years are eligible.
   c) Rs.10,000/- per annum in (two installments of Rs.5000/- each) will be paid every year.
   d) Payment will be made directly to beneficiaries Aadhar enabled single holder bank account.

101. Which among the following are Ramsar sites (wet lands of international importance)?

      (i) Bhitarkanika mangrove
      (ii) Ansupa Lake
      (iii) Chilika Lake
      (iv) Tampara Lake
      (v) Satkosia Gorge
      (vi) Hirakud Reservoir

a) All six sites noted above are Ramsar sites in Odisha

b) Five of six sites noted above are Ramsar sites in Odisha

c) Only one (Chilika Lake) of six sites noted above is a Ramsar sites in Odisha

d) Four out of six sites noted above are Ramsar sites in Odisha

102. Veteran actor Gopal Sahu passed away recently (in August 2024). What iconic role is he most famous for ?

a) Krishna in Krishna Lila
b) Kansa in Dhanuyatra
c) Ram in Ram Lila
d) Ravan in Ram Lila

103. Recently elections to Legislative Assembly were held in J & K. How many Assembly Constituencies are there in J & K. ?

a) 146
b) 90
c) 100
d) 75

104. On which day does India celebrate its Teacher's Day every year ?

a) 5th September
b) 6th September
c) 7th September
d) 8th September

105. Which State economy's growth rate was highest during the financial year 2023-24 (As per data released by MoSPI) ?

a) Tamil Nadu
b) Telangana
c) Rajasthan
d) Maharashtra

106. How many new districts have been announced to be created in UT of Ladakh (over and above existing two) recently.

a) 3
b) 4
c) 5
d) 2

107. A.G. Noorani died recently. In which field did he distinguish himself ?

a) Law
b) Music
c) Theatre
d) Literature

108. Maiden National Space Day to mark achievements of Chandrayan 3 was celebrated this year on:

a) 21 August
b) 23 August
c) 25 August
d) 27 August

109. Malaysian Prime Minister came to India in August 2024 on an official visit. Name him.

a) Ismail Sabri Yaakob
b) Anwar Ibrahim
c) Mahathir Mohamad
d) Mohammad Najib Abdul Razak

110. Justice Hema Committee Report was recently shared with public. What was the mandate of Justice Hema Committee ?

a) Study challenges faced by women in Film Industry in Kerala
b) Study challenges faced by women in Indian society
c) Study challenges faced by women in Banking and Finance sector in India.
d) Study challenges faced by women in Kerala society

111. Recently, which Japanese animator has been honored with the prestigious Ramon Magsaysay Award 2024?

a) Goro Fujita
b) Hiroyuki Imaishi
c) Hayao Miyazaki
d) Koji Nanke

112. Buddhadeb Bhattacharjee died recently. Which of the following statements is true about him ?

a) He was Chief Minister of Tripura
b) He was Chief Minister of West Bengal during 2011-2016

c) He was Chief Minister of West Bengal During 2000 –2011

d) He was Chief Minister of West Bengal During 1995-2000

113. Who is the author of "The Golden Road, How Ancient India Transformed the World".
   a) A.L. Basham
   b) William Dalrymple
   c) Romila Thapar
   d) R.S. Sharma

114. The 70th National Film Awards were announced in August, 2024. Who was the Chairman of Jury on "Non-Feature Film" for National Film Awards?
   a) Rahul Rawail
   b) Subhrajit Mitra
   c) Nilamadhaba Panda
   d) Kangana Ranaut

115. The 70th National Film Awards were announced in August, 2024. Who won award for best direction ?
   a) Nikhil Mahajan
   b) Sooraj Barjatya
   c) Mani Ratnam
   d) Raj Kumar Hirani

116. The 70th National Film Awards were announced in August, 2024. Which film won award for the best Odia film ?
   a) Pratikshya
   b) Daman
   c) Kalira Atita
   d) Saala Budhar Badla

117. He won gold medal for India in Paris Paralympics, 2024 Men's single (SL3) Badminton. Name him.
   a) Yogesh Kathuniya
   b) Nitesh Kumar
   c) Manish Narwal
   d) Ajit Singh

118. She won gold medal for India in Paris Paralympics, 2024 in Women's 10 Meter air rifle standing (SH1). Name her.
   a) Mona Agarwal
   b) Preethi Pal
   c) Manisha Ramadass
   d) Avani Lekhara

119. Swapnil Kusale won Bronze Medal in shooting in Paris Olympics, 2024. In which event did he win the medal?
   a) 10 meter Air Pistol
   b) 50 meter Rifle Three positions
   c) 25 meter Rapid Fire pistol
   d) 10 meter Air Rifle

120. Manu Bhaker won an individual bronze in shooting in Paris Olympics, 2024. In which event did she win this medal ?
   a) 10 meter Air Pistol
   b) 25 meter Pistol
   c) 10 meter Air Rifle
   d) Trap

121. Aman Sehrawat won bronze medal in Paris Olympics, 2024 in Men's Free style Wrestling. In which weight category did he participate and win medal ?
   a) 57 Kg.
   b) 65 Kg.
   c) 74 Kg.
   d) 86 Kg.

122. Which country won Men's 4 × 100 meters Relay in athletics ?
   a) Canada
   b) South Africa
   c) Great Britain
   d) USA

123. Who won gold medal in Men's Marathon at Paris Olympics, 2024 ?
   a) Bashir Abdi
   b) Benson Kipruto
   c) Tamirat Tola
   d) Brian Pintado

124. Which country won Women's 4 × 100 meters Relay in athletics at Paris Olympics, 2024?
   a) Great Britain
   b) Germany
   c) USA
   d) Australia

125. Diving had eight events at Paris Olympics, 2024 (4 Men's & 4 Women's). But only one country won all eight Gold medals in Diving. Name the country.
   a) China
   b) Great Britain

c) Mexico
d) North Korea

126. Who has been appointed as the Governor of Telangana in July 2024?
    a) Shri E.S.L Narasimhan
    b) Shri T. Soundararajan
    c) Shri C.P. Radhakrishnan
    d) Shri Jishnu Dev Varma

127. Who is the Minister of State (Independent Charge) of Department of Co- Operation of Odisha Government ?
    a) Shri Suryabanshi Suraj
    b) Shri Pradeep Bal Samanta
    c) Shri Gokulananda Mallik
    d) Shri Sampad Chandra Swain

128. Who is the Minister of State (Independent Charge) of Department of Handloom Textiles & Handicrafts of Odisha Government ?
    a) Shri Suryabanshi Suraj
    b) Shri Pradeep Bal Samanta
    c) Shri Gokulananda Mallik
    d) Shri Sampad Chandra Swain

129. Who is the Cabinet Minister in Union Govt. in charge of Ministry of Youth Affairs and Sports?
    a) Shri Chirag Paswan
    b) Shri Kiren Rijiju
    c) Dr. Mansukh Mandaviya
    d) Shri Gajendra Singh Shekhawat

130. Who is the Cabinet Minister in Union Govt. in charge of Ministry of Coal ?
    a) Shri G. Kishan Reddy
    b) Shri Chirag Paswan
    c) Shri C R Patil
    d) Shri Jyotiraditya M. Scindia

Computer & Internet awareness

131. The term gigabyte refers to:
    a) 1024 bytes
    b) 1024 kilobytes
    c) 1024 megabytes
    d) 1024 gigabytes

132. Loading Operating System into RAM is called _____.
    a) Starting
    b) Booting

c) Saving
d) Displaying

133. QWERTY is used with reference to _____.
    a) Monitor
    b) Printer
    c) Keyboard
    d) Mouse

134. _____ is the full form of the EEPROM.
    a) Electrically Erasable Process Read-Only Memory
    b) Electrically Erasable Programmable Read-Only Memory
    c) Electrical Erase Program Read-Only Memory
    d) Electron Erase Program Read-Only Memory

135. A single dot on a computer screen is called _____.
    a) Desktop
    b) Color dot
    c) Pixel
    d) Screen dot

136. The cache memory works between _____.
    a) ROM and CPU
    b) RAM and ROM
    c) CPU and RAM
    d) Random and secondary memory

137. What is smallest unit of information?
    a) A bit
    b) A byte
    c) A block
    d) A nibble

138. The data that is processed is known as _____.
    a) Information
    b) instruction
    c) program
    d) none of the above

139. How many bytes does 4 kilobytes represent?
    a) 512
    b) 1024
    c) 4096
    d) 8192

140. The speed of computer is measured in:
   a) Nanoseconds
   b) Kilo-seconds
   c) Gigahertz
   d) Megabytes

141. What is the tool in MS-Word that copies only the format of selected text so that you can apply on other text?
   a) Copy
   b) Paste
   c) Format Painter
   d) Paste Special

142. Which of the following can be used to navigate documents?
   a) Frames
   b) Hyperlink
   c) Web toolbar
   d) All of the above

143. What is an Excel feature that displays only the data in column (s) according to specified criteria?
   a) Filtering
   b) Sorting
   c) Formula
   d) Pivot

144. What is the shortcut key to insert a new slide in PowerPoint?
   a) Ctrl + N
   b) Ctrl + M
   c) Shift + N
   d) Alt + M

145. What is the keyboard shortcut to start the slideshow of a PowerPoint presentation?
   a) F5
   b) Ctrl + F5
   c) F12
   d) Ctrl + F12

146. What is an operating system?
   a) interface between the hardware and application programs
   b) collection of programs that manages hardware resources
   c) system service provider to the application programs
   d) all of the above mentioned

147. What is a computer network?
   a) A device used to display information on a computer screen
   b) A collection of interconnected computers and devices that can communicate and share resources
   c) A type of software used to create documents and presentations
   d) The physical casing that protects a computer's internal components

148. What is internet?
   a) A network of interconnected local area networks
   b) A collection of unrelated computers
   c) Interconnection of wide area networks
   d) A single network

149. Which of the following is an example of Bluetooth?
   a) wide area network
   b) virtual private network
   c) local area network
   d) personal area network

150. What is the term used to describe the process of analyzing website visitor behavior to improve conversion rates?
   a) Web analytics
   b) Customer segmentation
   c) Market research
   d) Behavioural targeting