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OSSC (Prelims)

Previous Year Paper
Accountant
30 July 2023



Data Interpretation

Directions for Questions (1 to 5):

Study the data below and answer the questions that follow:

Country	Population density (in persons per sq. km)	Population
Germany	233	8,22,17,800
France	111	6,36,01,002
United Kingdom	244	6,05,87,000
Italy	192	5,97,15,625
Spain	88	4,67,77,375

1. If 99% of the people are literate in both Germany and France, what is the total number of people who are literate in Germany and France taken together (rounded off to the closest whole value)?

- a) 144360614
b) 144330414
c) 144630616
d) 144660555

$$\frac{99}{100} \times 146818802 = 146818802 - 1468188 = 145450614$$

2. Considering the above data of population and its area density, which country has the largest area?

- a) Spain X
b) Italy X
c) France
d) Germany

3. What is the ratio of the population of United Kingdom to the total population of Europe (as percentage)? Consider the total population of Europe to be 84,20,33,572.

- a) 7.0%
b) 7.2%
c) 7.4%
d) 7.6%

$$\frac{60587000}{842033572} \times 100 = 7.2\%$$

4. If the growth rate of population was 0.09% per year, what was the population of Italy one year ago?

- a) 59667564
b) 59661737
c) 59661900
d) 59661929

$$149 \times \frac{10000}{10000} = 1490000$$

$$146818802 - 1468188 = 145450614$$

$$145450614$$

5. What is the average population of Germany and United Kingdom taken together?

- a) 7,16,03,600
b) 7,14,02,400
c) 7,15,01,800
d) 7,16,03,500

$$\frac{82217800 + 60587000}{2} = 71402200$$

Directions for Questions (6 to 10):

Refer to the table below and answer the questions that follow.

Player	Matches	Innings	Runs	Not Outs	Average
P	120		5160	10	
Q	100	75	2875		
R			2130	5	
S	150	125	5725		52.045
T	90				44.64

Note:

- An innings is an occasion when a batsman gets to bat.
- Average = Total runs divided by the number of times he is out.

The following facts are known:

- The players have played 425 innings in all.
 - P did not bat in 20 occasions he played.
 - Both R and T have batted in 5/6 th of the matches they have played.
 - Q was out in every innings he played.
 - T scored 102 runs more than R.
6. How many total number of matches were played by all the players taken together?

- a) 550
b) 520
c) 510
d) 530

7. Which batsman was not out, for most number of times?

- a) Q
b) R
c) S
d) T

8. Who among the players have the best batting average?

- a) P
b) Q
c) R
d) S

9. Who among the players have the lowest batting average?

- a) P
- b) Q
- c) R
- d) S

10. The ratio of number of innings played by P to that of T is:

- a) 3:2
- b) 5:3
- c) 6:1
- d) 4:3

Direction for Questions (11 to 15):

Study the following table carefully and answer accordingly.

Food grains production in a country in 2016 (in lakh tons)

State	Rice	Pulse	Wheat	Barley	Maize	Others
A	120	25	40	18	27	15
B	75	20	45	20	24	12
C	54	24	60	24	28	20
D	72	30	42	25	21	30
E	48	18	90	12	30	25
F	25	20	120	15	36	18
G	42	24	125	20	18	24

11. What was the ratio of pulse production to maize production in the country as a whole?

- a) 23:22
- b) 23:26
- c) 7:8
- d) 7:9

$$\frac{25}{29} \times \frac{1812}{1843} = \frac{609}{612}$$

12. If the production of wheat in the state 'F' increases 5% every year, what would be its estimated wheat production in 2018?

- a) 128.25 lakh tons
- b) 132.3 lakh tons
- c) 130.2 lakh tons
- d) 132.2 lakh tons

$$120 \times \frac{105}{100} \times \frac{105}{100} = 132.3$$

13. If the average yield per hectare of maize in the country was 24 tons, then the area (approx) under maize cultivation during that year was (in lakh hectares)

- a) 7.55
- b) 7.66
- c) 7.77
- d) Can't be determined

$$24 \times$$

14. Total rice production of the country is how much more/less than the total wheat production?

- a) 86 lakh tons more
- b) 76 lakh tons more
- c) 76 lakh tons less
- d) 86 lakh tons less

$$\begin{array}{r} 436 \\ 522 \\ \hline 86 \end{array}$$

15. What is the average barley production per state (in lakh tons) in the year 2016?

- a) 18.66
- b) 19.14
- c) 21.33
- d) 20.65

$$\frac{134}{7} = 19.14$$

Direction for Questions (16 to 20):

Refer to the following data to answer the questions that follow:

The result of an exam is given below:

Out of 2000 students who appeared

- I. 1316 failed in Telugu
- II. 332 failed in Telugu and Punjabi
- III. 744 failed in Punjabi, 868 failed in Telugu and Bengali
- IV. 1180 failed in Bengali, 252 failed in Bengali and Punjabi

16. The number of students who failed in all the three subjects is

- a) 356
- b) 146
- c) 212
- d) 252

$$T = 1316$$

17. The number of students who failed in Bengali but not in Punjabi is

- a) 928
- b) 784
- c) 774
- d) 944

18. The number of students who failed in Telugu but not in Bengali is

- a) 448
- b) 896
- c) 1512
- d) 928

19. The number of students who failed in Punjabi but not in Telugu is

- a) 318
- b) 198
- c) 213
- d) 412

20. The number of students who failed in Telugu or Bengali but not in Punjabi is
- 1234
 - 1432
 - 1256
 - 1342

Direction for Questions (21 to 25):

Read the following table carefully and answer the questions given below it. Data is related to the number of students who got admission and who left the given five colleges 1,2,3,4 and 5 during the given years.

YEARS		2008	2009	2010	2011	2012
COLLEGE 1	Admitted	161	148	135	112	141
	Left	-	58	69	88	39
COLLEGE 2	Admitted	148	172	188	173	151
	Left	-	60	96	59	48
COLLEGE 3	Admitted	179	161	143	165	179
	Left	-	90	101	58	66
COLLEGE 4	Admitted	116	208	169	142	155
	Left	-	60	45	56	108
COLLEGE 5	Admitted	128	191	167	185	142
	Left	-	50	79	82	91

21. What is the average number of students who got admission in College 4 during all the given years taken together?
- 156
 - 164
 - 166
 - 158

Handwritten calculations for Q21:
 $\frac{116 + 208 + 169 + 142 + 155}{5} = \frac{790}{5} = 158$

22. If the respective ratio of number of boys and girls in College 2 at the end of 2010 was 5:6, what was the number of girls in College 2 at the end of 2010?
- 212
 - 186
 - 208
 - 192

Handwritten calculations for Q22:
 $\frac{5}{6} = \frac{188 - 96}{x} \Rightarrow x = 92$

23. In which of the given colleges the number of students were the highest at the end of 2009?
- 1
 - 2
 - 3
 - 5

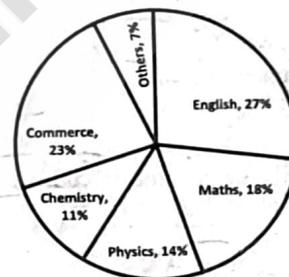
24. What was the total number of students in College 1 at the end of 2011?
- 335
 - 347
 - 329
 - 341

Handwritten calculation for Q24: 112

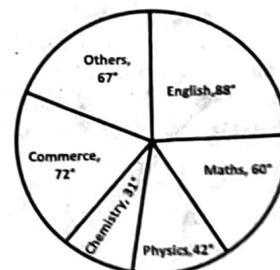
25. Number of students in College 5 at the end of 2009 is what percent more than the number of students in College 3 at the end of 2009?
- $9 \frac{1}{5}$
 - $11 \frac{1}{5}$
 - $3 \frac{4}{5}$
 - $7 \frac{3}{5}$

Directions for questions (26 to 30): Following Pie charts represent the number of students, who have appeared and cleared phase I of Civil Service Exam from various departments of a College.

Total Number of students appeared for Civil Services Exam = 5484
 Percentage of Students appeared from various departments is given in Pie Chart



Total Number of Students who cleared Phase I of Civil Services Exam = 847
 Students Clearing from various departments in degrees is mentioned in the Pie Chart



26. Approximately what is the difference between the number of students appeared from English department and number of students cleared phase I from Maths department?
- 1350
 - 1240
 - 1340
 - 1250

27. The total number of students clearing phase I from commerce and other department is what percentage of the number of students clearing phase I from physics department (Approximately)?

- a) 340 %
- b) 310 %
- c) 320 %
- d) 330 %

28. What has the ratio between numbers of students appeared from Maths and physics departments to the number of students appeared from chemistry and commerce departments?

- a) 316:315
- b) 115:117
- c) 351:373
- d) 15:16

29. From which department is the difference between the number of students appeared and the number of students cleared is the second minimum?

- a) Chemistry
- b) Physics
- c) Commerce
- d) Math

30. What is the percentage of students, who did not clear the phase I of the exam?

- a) 84.45%
- b) 84.55%
- c) 83.55%
- d) 83.45%

Directions for Questions (31 to 35):

This question is based on the data given below. Study it carefully and answer the question.

- There are two trains, Krishna Express and Godavari Express. Both trains have four different types of coaches viz. general coaches, sleeper coaches, AC coaches and first-class coaches. In Krishna Express, there are a total of 1000 passengers. Godavari Express has 20% more passengers than Krishna Express.

- 27% of the passengers of Krishna Express are in general coaches. 17.5% of the total number of passengers of Krishna Express are in AC coaches. 33.5% of the passengers of Krishna Express are in sleeper class coaches. The remaining passengers of Krishna Express are in first-class coaches.

- The total number of passengers in AC coaches on both the trains together is 410.

- 33.75% of the number of passengers of Godavari Express is in sleeper class coaches, $\frac{125}{6}$ % of the total passengers of Godavari Express are in first-class coaches. The remaining passengers of Godavari Express are in general class coaches.

31. What is the ratio of the number of passengers in first-class coaches of Krishna Express to the number of passengers in sleeper class coaches of Godavari Express?

- a) 13:7
- b) 7:13
- c) 32:39
- d) 44:81

32. What is the total number of passengers in the general coaches of Krishna Express and the AC coaches of Godavari Express together?

- a) 449
- b) 495
- c) 505
- d) None

33. What is the absolute difference between the number of passengers in the AC coaches of Krishna Express and the total number of passengers in sleeper class coaches and first-class coaches together of Godavari Express?

- a) 478
- b) 480
- c) 487
- d) None

34. If the cost per ticket of a first-class coach ticket is Rs.550, what total amount will be generated from first-class coaches of Krishna Express?

- a) 120000
- b) 122000
- c) 121000
- d) None

35. If the cost per ticket of a first-class coach ticket is Rs.450 and an AC class coach ticket is Rs.950, what total amount will be generated from the First and AC class coaches of Godavari Express?

- a) 350000
- b) 375750
- c) 335750
- d) 345000

Arithmetic

36. What least number must be subtracted from the greatest number of five digits so that the remainder number is a perfect square?

- a) 134 ✓
- b) 143 ✓
- c) 133 ✗
- d) 153 ✓

Handwritten calculations for question 36:

$$\begin{array}{r} 99999 \\ \times 1343 \\ \hline 998667 \\ 567 \\ \hline 998567 \end{array}$$

$$\begin{array}{r} 100000 \\ - 998567 \\ \hline 210000 \end{array}$$

$$\begin{array}{r} 143 \times 998567 \\ \hline 153 \times 998467 \end{array}$$

$$\begin{array}{r} 25 \quad 70 \\ 36 \quad 9 \\ 16 \quad 9 \\ 81 \quad 1 \end{array}$$

3
 3
 PL/A/6

$$56C = 45C + 168$$

$$11C = 168 \Rightarrow C = 17$$

$$8 \times 17 + 7 \times 17 + 16 \times 17$$

$$17(7+8) = 56 \times 17$$

37. A and B undertake to do a work for Rs. 560. A can do it alone in 7 days and B in 8 days. If with assistance of C, they finish the work in 3 days, then C gets approximately

- a) Rs. 110
- b) Rs. 100
- c) Rs. 120
- d) Rs. 140

$$\frac{560}{7} = 80$$

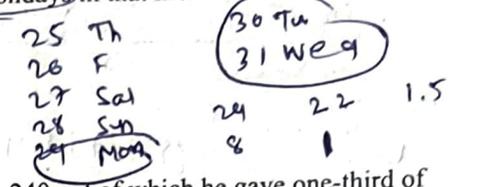
$$\frac{560}{8} = 70$$

$$\frac{560}{3} = 186.67$$

$$186.67 - 80 - 70 = 36.67$$

44. If the 25th of August in a year is Thursday, find the number of Mondays in that month

- a) 3
- b) 4
- c) 5
- d) 6



38. A man spends 75% of his income. His income increases by 20% and his expenditure also increases by 10%. Find the percentage increase in his savings.

- a) 40%
- b) 30%
- c) 50%
- d) 25%

Income: 100, Expenditure: 75, Savings: 25

New Income: 120, New Expenditure: 82.5, New Savings: 37.5

$$\frac{37.5 - 25}{25} \times 100 = 50\%$$

39. The LCM of two numbers is 14 times their HCF. The sum of HCF and LCM is 600. If one of the numbers is 80, then the other number is

- a) 160
- b) 280
- c) 60
- d) 40

$$\frac{L}{H} = 14 \Rightarrow L = 14H$$

$$L + H = 600 \Rightarrow 14H + H = 600 \Rightarrow 15H = 600 \Rightarrow H = 40$$

$$L = 14 \times 40 = 560$$

40. A cricketer scored 158 runs in the first test and 201 runs in the second test. If his average of the runs scored in the first three tests is 195, the runs scored by him in the third test are

- a) 226
- b) 225
- c) 236
- d) 216

$$\frac{158 + 201 + x}{3} = 195$$

$$359 + x = 585$$

$$x = 226$$

47. A shopkeeper tags an item at 20% higher than the cost price. Then he gives a discount of 10%. What is his profit percentage?

- a) 8%
- b) 10%
- c) 12%
- d) Depends on the price of the item.

Cost Price: 100, Tagged Price: 120, Selling Price: 108

$$\frac{108 - 100}{100} \times 100 = 8\%$$

41. A streamer goes downstream and covers the distance between two ports in 4 hours while it covers the same distance upstream in 5 hours. If the speed of the stream is 2 km/h, then the speed of the streamer in still water is

- a) 20 km/h
- b) 19 km/h
- c) 18 km/h
- d) 19.5 km/h

$$\frac{D}{B+2} = 4 \Rightarrow 4B + 8 = D$$

$$\frac{D}{B-2} = 5 \Rightarrow 5B - 10 = D$$

$$4B + 8 = 5B - 10 \Rightarrow B = 18$$

42. The ratio between the present ages of A and B is 5:8. After 4 years the ratio between their ages will be 2:3. The present age of B is

- a) 36 years
- b) 20 years
- c) 24 years
- d) 32 years

$$\frac{A}{B} = \frac{5}{8} \Rightarrow 8A = 5B$$

$$\frac{A+4}{B+4} = \frac{2}{3} \Rightarrow 3A + 12 = 2B + 8$$

$$3A = 2B - 4$$

$$24 = 2B - 4 \Rightarrow B = 14$$

43. Ram and Shyam working separately can finish a job in 8 and 12 hours respectively. If they work for an hour alternately, Ram beginning at 9 am, at what time will the job be finished?

- a) 7:30 p.m.
- b) 7:00 a.m.
- c) 6:30 p.m.
- d) 6:00 p.m.

R	8
S	12

49. If the digits of a 3-digit number are reversed then the number so obtained is less than the original number by 297. If sum of the digits of the number is 8 & its hundred's digit has the largest possible value, then the ten's digit in the number is

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

Let number be $100x + 10y + z$

$$100z + 10y + x = 100x + 10y + z - 297$$

$$99z - 99x = -297$$

$$z - x = -3 \Rightarrow x = z + 3$$

Sum of digits: $x + y + z = 8$

Maximize x (hundreds digit):

- $x=3, z=0, y=5$
- $x=4, z=1, y=3$
- $x=5, z=2, y=1$
- $x=6, z=3, y=0$

50. There are 527 apples, 646 pears and 748 oranges. These are to be arranged in heaps containing the same number of fruits. Each heap should contain fruits of only one kind and with the greatest number of fruits possible. How many such heaps are formed?

- a) 113
b) 117
c) 110
d) 112

527, 646, 748

$$\begin{array}{r} 113 \\ 527 \\ \hline 113 \\ 113 \\ 113 \\ \hline 113 \end{array}$$

51. In what ratio must a grocer mix two varieties of pulses costing Rs. 15 and Rs. 20 per kg respectively so as to get a mixture worth Rs. 16.50 kg?

- a) 7:3
b) 3:8
c) 5:7
d) 7:5

$$\begin{array}{r} 15 \quad 20 \\ 16.50 \\ \hline 3.5 \quad 1.5 \end{array} \quad \frac{7}{3}$$

52. Two pipes A and B can fill a cistern in 12 minutes and 15 minutes respectively. There is an outlet C also. If all the three pipes are opened together, the cistern is full in 10 minutes. How much time will be taken by C to empty the full cistern?

- a) 10 minutes
b) 20 minutes
c) 15 minutes
d) none of these

$$\begin{array}{r} 12 \\ 15 \\ 20 \\ \hline 60 \\ -9 \\ \hline 51 \end{array} \quad \frac{5}{6} = 10$$

53. To fill a tub, 20 buckets of water is required. How many mugs of water will be required to fill the same tub, if the capacity of the mug is two-fifth of the capacity of the bucket?

- a) 50
b) 40
c) 8
d) Cannot be determined

$$\frac{20 \text{ B}}{\frac{2}{5} \text{ B}} = 20 \times \frac{5}{2} = 50$$

54. The sum of ages of 7 children born at the intervals of 3 years each is 70 years. What is the age of the oldest child?

- a) 16 years
b) 24 years
c) 27 years
d) 19 years

16, 19, 22, 25, 28, 31, 34

$$16 + 19 + 22 + 25 + 28 + 31 + 34 = 167$$

55. The average of 10 numbers is zero. Of them, at the most, how many may be greater than zero?

- a) 0
b) 7
c) 10
d) 9

$$1 \text{ } 2 \text{ } 3 \text{ } 4 = 10 \quad 25 - 25$$

$$1 \text{ } 2 \text{ } 3 \text{ } 4 \Rightarrow 10$$

56. Three candidates contested an election and received 1136, 7636 and 11628 votes respectively. What percentage of the total votes did the winning candidate get?

- a) 57%
b) 60%
c) 65%
d) 90%

$$\frac{11628}{20000} \times 100 = 57\%$$

57. In a dairy farm, 40 cows eat 40 bags of husk in 40 days. In how many days one cow will eat one bag of husk?

- a) 1 day
b) 40 days
c) 80 days
d) 60 days

$$\frac{40 \times 40}{40} = \frac{1 \times D}{1} \Rightarrow D = 40$$

58. A man crosses a street 600 m long in 5 minutes. His speed in km/h is

- a) 7.2
b) $\frac{5}{36}$
c) 3.6
d) 10

$$\frac{600}{200} \times \frac{2 \times 18}{5} = 7.2$$

59. The minute hand of a clock moves through a distance of 20 minutes. The angle made between its initial and final position is

- a) 90°
b) 100°
c) 120°
d) 150°

$$20 \times 6 = 120^\circ$$

60. Four oranges and two apples cost Rs. 100. Two oranges and four apples cost Rs. 110. What is the cost of one apple?

- a) Rs. 10
b) Rs. 15
c) Rs. 20
d) Rs. 25

$$\begin{array}{l} 4O + 2A = 100 \\ 2O + 4A = 110 \\ \hline 4O + 4A = 100 \\ \hline 0 = 10 \end{array}$$

61. A circular field has a radius of 35 ft. A boundary rope is set up circling the entire field. What is the length of the boundary rope?

- a) 200 ft
b) 210 ft
c) 215 ft
d) 220 ft

$$2 \times \frac{22}{7} \times 35 = 220$$

62. Three friends Aakash, Chirag and Piyush undertake to do a job. Aakash could do the job in 12 days working alone, Chirag in 4 days and Piyush in 6 days. In how many days can they complete the job while working together?

- a) 1 day
b) 2 days
c) 3 days
d) Cannot be determined

$$\begin{array}{r} A \quad 12 \\ C \quad 4 \\ P \quad 6 \\ \hline 12 \\ \hline 2 \end{array}$$

63. Sachin gets 86 in English, 48 in Hindi, 64 in Mathematics, 72 in Social Science and 60 in Science. If all the scores are out of 100, then what is his total percentage?

- a) 62%
b) 64%
c) 66%
d) 68%

$$\frac{330}{5} = 66\%$$

64. A father is seven times as old as his son. After five years, the father will be four times the age of his son. What is the difference between their ages?

- a) 25 years
 b) 30 years
 c) 35 years
 d) Cannot be determined

$$F = 7S + 5 = 4S$$

$$3S = 5$$

$$S = \frac{5}{3}$$

$$F = 7 \times \frac{5}{3} + 5 = \frac{35}{3} + 5 = \frac{44}{3}$$

$$F - S = \frac{44}{3} - \frac{5}{3} = \frac{39}{3} = 13$$

65. Which of following years in the English calendar is not a leap year?

- a) 1512
 b) 1982
 c) 2032
 d) 2272

66. A number of men went to a hotel and each spent as many rupees as there were men. If the money spent was Rs. 15625, the number of men was

- a) 115
 b) 125
 c) 135
 d) 145

$$x \times x = \sqrt{15625}$$

$$x = 125$$

67. A, B and C enter into partnership by making investments in the ratio 3 : 5 : 7. After a year, C invests another Rs. 3,37,600 while A withdraws Rs. 45,600. The ratio of investments changes to 24 : 59 : 167. The initial investment of A was

- a) Rs. 45,600
 b) Rs. 96,000
 c) Rs. 1,41,600
 d) None of these

68. How long will a train 60 m long travelling at 40 km an hour take to pass through a station whose platform is 90 m long?

- a) 14 seconds
 b) 13.5 seconds
 c) 14.5 seconds
 d) None of these

$$\frac{40 \times 180}{3600} = \frac{27}{2}$$

69. A person spends $\frac{1}{12}$ of his salary on charity, $\frac{1}{8}$ of his salary on purchasing books and $\frac{3}{4}$ of his salary on foods and clothing. If his salary is Rs. 16824, find the balance amount with him.

- a) Rs. 700
 b) Rs. 7001
 c) Rs. 710
 d) Rs. 701

$$\frac{1}{12} + \frac{1}{8} + \frac{3}{4} = \frac{2+3+18}{24} = \frac{23}{24}$$

$$16824 \times \frac{23}{24} = 16020$$

$$16824 - 16020 = 804$$

70. The least number of 4 digits which is exactly divisible by 9 is

- a) 1009
 b) 1018
 c) 1027
 d) None of these

1008

$$24 \mid 16824 \mid 7$$

$$16824 \div 9 = 1869$$

$$1869 \times 9 = 16821$$

$$16824 - 16821 = 3$$

62

Logical Reasoning

71. What is the next term of the following series?

GLMS, IKNP, KJOM, _____

- a) MKPK
 b) MIPK
 c) MIPJ
 d) NIPK

MIPJ 19 16 13 10

72. Which choice mentions the last letter of the word rearranged from the following jumbled spelling: WSRDO

- a) D
 b) G
 c) R
 d) L

WORDS
 OSRDW
 WSOR

73. In a certain code, '256' means 'you are good'; '637' means 'we are bad' and '358' 'good and bad'. Which of the following represents 'and' in that code?

- a) 2
 b) 5
 c) 8
 d) 3

3x
 5x
 8

Direction for Questions (74 to 77)

Refer to the following four statements and answer the questions that follow.

- I. a is older than b and taller than c
- II. d is younger than e, older than c, and shorter than f
- III. g is older than h, younger than c, shorter than h, and taller than f
- IV. h is older than a and shorter than c

0 → e > d > c > g > h > a > b

74. Which of the following is the youngest?

- a) a
 b) b
 c) c
 d) e

a > b
 a > c
 e > d > c > g > h > a > b
 g > d
 a > c > h > g > f > e > b

75. Which of the following is the tallest?

- a) a
 b) h
 c) d
 d) c

76. Which of the following is true?

- a) a is the second oldest and is the third tallest.
 b) d is the oldest and tallest.
 c) c is younger than d and taller than h.
 d) g is older than e and shorter than a.

$$3x - 45600 = 24$$

$$3x = 45624$$

$$x = 15208$$

$$7x + 337600 = 167$$

$$7x = 167 - 337600$$

$$7x = -337433$$

$$x = -48204.71$$

77. Which statement about the group is not correct?
- d is the shortest of the group ✓
 - f is the third oldest of the group ✗
 - c is the second tallest of the group ✓
 - a is the tallest of the group ✓

Direction for Questions (78 to 83):

Study the data below and answer the questions.

- There is a group of five persons - a, b, c, d and e.
- In the group, there is a Professor of Philosophy, a Professor of Psychology and a Professor of Economics.
- a and d are ladies who have no specialization in any subject and are unmarried.
- No lady is a philosopher or an economist.
- There is a married couple in the group of which e is the husband.
- b is the brother of c and is neither a psychologist nor an economist.

78. Who is the Professor of Philosophy?

- b ✓
- c
- d
- e

Philo → b (✓)
 Pshyco -
 ECO

79. Who is the wife of e?

- a
- b
- c ✓
- d

e (✓) ← c (✓)
 b (✓) → c (✓)

80. Which one of the following groups includes all men?

- abc ✗
- bcd ✗
- bc
- be ✓

81. How many of them are ladies?

- 1
- 2 ✓
- 3
- 4

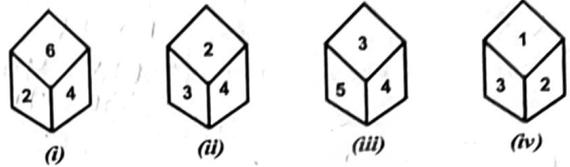
82. What is the specialization of the married lady?

- Philosophy
- Psychology
- Economics
- None of these ✓

83. What is the specialization of e?

- Philosophy
- Psychology
- Economics ✓
- None of these

84. A dice is thrown four times and its four different positions are shown below. Find the number on the face opposite the face showing 2.



- 3
- 4
- 5 ✓
- 6

2 4 6
 5 4 3
 2 4 1
 5 3 4

85. Introducing a girl, Samir said, "Her mother is the only daughter of my mother-in-law". How is Samir related to the girl?

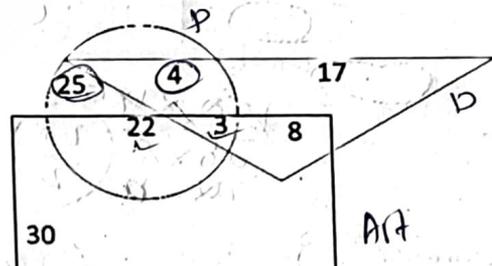
- Uncle
- Husband ✓
- Brother
- Father

Samir ← Mother-in-law
 Girl ← Mother

Direction for Questions (86 to 89):

Study the following figure carefully and answer the questions below it.

- Triangle = Doctors
- Circle = Players
- Rectangle = Artists



3 + 22

86. How many doctors are both players and artists?

- 4
- 3 ✓
- 8
- 11

87. How many artists are players?

- 22
- 30
- 25 ✓
- 29

88. How many players are neither artists nor doctors?

- 25 ✓
- 22
- 4
- 3

89. How many doctors are players but not artists?

- a) 17
- b) 4
- c) 7
- d) 22

90. Complete the series

A, H, O, _____?

- a) R
- b) S
- c) V
- d) T

1 8 15 22
2 8 15 22
3 8 15 22
4 8 15 22

Direction for Questions (91 to 95):

Read the information given below and answer the questions that follow.

- Five plays A, B, C, D and E are to be staged on five days from Monday to Saturday.
- One of these days will be a holiday on which no Play will be staged.
- Play B is staged two days before the holiday.
- Thursday is not the holiday.
- Play D is staged on Tuesday.
- Play C is staged on Friday.
- Play E is staged on the previous day of Play C.

91. Which day of the week is holiday?

- a) Monday
- b) Wednesday
- c) Thursday
- d) Saturday

M A B
Tu → D L
W → B L H C
Th → E L L B
Fr → C L B
Sa → Holiday A

92. Which of the following statement is correct on the basis of given information?

- a) Play A is staged two days after the holiday. X
- b) Play B is staged on the next day of Play D. X
- c) Staging of plays D and E is separated by one day. ✓
- d) Play E is staged on the next day of play C. X

93. On which day of the week the play A staged?

- a) Monday
- b) Tuesday
- c) Friday
- d) Saturday

94. Play E is scheduled to be held on _____.

- a) Monday
- b) Thursday
- c) Friday
- d) None of these days

95. If the plays C and B are interchanged, how many days' gap will be there between the staging of plays D and B?

- a) One
- b) Two ✓
- c) Three
- d) Four

96. If '×' means 'added to';

'+' means 'multiplied by';

'-' means 'subtracted from' and

'÷' means 'divided by'

Then

$24 + 36 - 12 \times 8 + 4 = ?$

- a) 36
- b) 53
- c) 5
- d) None of these

$24 - 36 \div 12 + 8 \times 4$
 $24 - 3 + 32$
56 - 3

97. In the following series: 7, 10, 8, 11, 9, 12, what number should come next?

- a) 7
- b) 10
- c) 12
- d) 13

10, 13

98. In the following series: F2, __, D8, C16, B32, ... What number should fill the blank?

- a) A16
- b) G4
- c) E4
- d) E

E

99. In this question, statements are followed by certain conclusions. Identify which of the conclusions directly follow the statement and choose the answer accordingly.

Statements:

- Some water are air.
- Some air are solid.
- All solid are yellow.

(W) (A) (S) (Y)

Conclusion:

- I. Some air are yellow. ✓
- II. Everything that is yellow is solid. X

- a) I follows but not II
- b) II follows but not I
- c) Both follow
- d) Neither follows

100. Pick the odd one out:

- a) Hendecagon
- b) Hexagon
- c) Heptagon
- d) Pentagon

Current Events

101. 22nd Law commission recently released its report on 'Uniform Civil Code'. Who is the Chairman of the 22nd Law Commission?

- a) Justice Ritu Raj Awasthi
- b) Justice B. S Chauhan
- c) Justice Arun Mishra
- d) Justice A.P Shah

102. Where is ICC World Cup 2023 final propose to be held?
- Feroz Shah Kotla stadium - Delhi
 - Wankhede Stadium - Mumbai
 - Eden Gardens - Calcutta
 - Narendra Modi Stadium - Ahmedabad
103. India won Asian Kabaddi Championship 2023 held at Busan, South Korea. Whom did India defeat in final?
- Bangladesh
 - Nepal
 - Iran
 - Pakistan
104. International Day against drug abuse and illicit trafficking is observed on
- 21 June
 - 26 June
 - 1 April
 - 30 June
105. Indian football team won Hero Intercontinental Cup in final at Kalinga Stadium, Bhubaneswar. Whom did they defeat in final?
- Lebanon
 - Mongolia
 - Vanuatu
 - Iran
106. Which district of Odisha won first prize at National level in best district category at 4th water award?
- Cuttack
 - Sambalpur
 - Ganjam
 - Puri
107. Who is the President of Belarus who reportedly negotiated truce between Wagner Chief and Russian President V Putin?
- Alekkandr lukasenko
 - Myechyslaw Hryb
 - Stanislav Shushkevich
 - Suiatlana Tsikhavouskaya
108. A new social media platform (Potential competitor to Twitter) was launched in early July 2023, which quickly amassed record 100 million followers in less than a week. What is the name of platform?
- Threads
 - Spread
 - Meta
 - Snapchat
109. Non-fossil fuels account for what percentage of India's installed power generation capacity now?
- 33%
 - 38%
 - 43%
 - 28%
110. Which Indian won Canada open BWF Super 500 Tournament in early July?
- P.V Sindhu
 - Lakshya Sen
 - H.S Prannoy
 - Saina Nehwal
111. Where is the next Asian Games (19th) proposed to be held?
- Hangzhou, China
 - Jakarta-Palembang, Indonesia
 - Nagoya, Japan
 - Doha, Qatar
112. SAFF Championship (in football) was started in 1993. In June 2023, India again became champions. How many times (including 2023 title) has India won this Championship?
- 6
 - 7
 - 8
 - 9
113. Dutch Government collapsed (in early July) due to its failure to reach agreement on immigration policy, among its coalition partners. who was the Prime Minister of outgoing Government?
- Mark Rutte
 - Wiim Kok
 - Jan Peter Balkenende
 - None of these
114. Odisha Government received incentive of Rs. 2725 crore from Central Government for 2021 & 2022. What is the incentive related to?
- Power sector reform
 - Agriculture sector reform
 - Mining sector reform
 - Police reform
115. There was massive protest/unrest in France in late June and early July. Which incident caused the protest?
- Shooting of a teenager by police
 - Immigration policy reform
 - Price rise
 - Pension reform
116. Who is the Deputy Speaker of Odisha Legislative Assembly?
- Surya Narayan Patro
 - Bikram Keshari Arukh
 - Rajni Kant Singh
 - Prashant Kumar Muduli
117. Who is present Chief Minister of Arunachal Pradesh?
- Nabam Tuki
 - Pema Khandu
 - Kali Kho Pul
 - Gegong Apang

118. Who is the present President of Sri Lanka?
- Gotabaya Rajapaksa
 - Ranil Wickremesinghe ✓
 - Maithripala Sirisena
 - Mahindra Rajapaksha
119. Who is present Comptroller and Auditor General of India?
- Rajiv Mehrishi
 - Girish Chandra Murmu ✓
 - Shashi Kant Sharma
 - V. K Shunglu
120. Who won Wimbledon Men's Single Championship in July 2023?
- D. Medvedev
 - N. Djokovic
 - J. Sinner
 - Carlos Alcaraz ✓
121. Who won French Open Women's Single Crown 2023?
- Iga Swiatek ✓
 - Karolina Muchova
 - Aryana Sabalenka
 - Beatriz Haddad Mala
122. Who is President of people's Republic of China?
- Wang Yi
 - Jiang Jemin
 - Xi Jinping ✓
 - HV Jinjao ✗
123. Which teams are clashing in Final of Duleep Trophy in July 2023?
- West Zone and South Zone
 - North Zone and South Zone
 - West Zone and Central Zone ✓
 - Central Zone and East Zone
124. A group of private mercenaries organized as "Wagner" raised revolt in Russia and captured a few defense posts in late June 2023. Who was their leader?
- Nikolay Protasov
 - Yevgeny Prigozhin ✓
 - Victor Pokrovsky
 - Pavel Potemkin
125. "Victory City" was published in February 2023. Who is its author?
- Jhumpa Lahiri
 - Amitabh Ghosh ✓
 - Salman Rushdie ✗
 - Arvind Adiga
126. Which country was recently admitted as Member of SCO?
- Afghanistan
 - Mongolia
 - Iran
 - Belarus

127. Which two person have the highest and second highest following at Twitter respectively
- Elon Musk and Barak Obama
 - Donald Trump and Joe Biden
 - Narendra Modi and Rishi Sunak
 - None of the above
128. Who is the present Chairperson of National Green Tribunal?
- Justice Sheo Kumar Singh ✓
 - Justice Adarsh Kumar Goel
 - Justice Lokeshwar Singh
 - Justice Swatanter Kumar
129. In which country is first overseas campus of IIT (Madras) is likely to be set UP?
- Singapore
 - Tanzania ✓
 - Nigeria
 - South Korea
130. Who is Attorney General of India?
- Tushar Mehta
 - Soli Sorabjee ✓
 - Harish Khare
 - R. Venkatramani

Computer and Internet Awareness

131. Codes consisting of bars or lines of varying widths or lengths that are computer readable are known as
- An ASCII code
 - A magnetic tape
 - AN OCR scanner ✗
 - A Bar code ✓
132. When you cut or copy information it gets place in the
- Clipboard
 - Mother board
 - RAM ✓
 - None of these
133. Which of the following virus overtake computer system, when it boots and destroy information?
- System infectors
 - Trojan
 - Stealth virus
 - Boot infectors
134. What are two example of freeware?
- WinZip and Linux ✗
 - Shareware and file sharing ✓
 - Microsoft word and the Google toolbar ✗
 - Instant messaging and the Google toolbar

135. The first completely 64-bit compatible version of Android -
- Android 5.0 Lollipop
 - Android 2.3 Gingerbread
 - Android 4.0 Ice Cream Sandwich
 - Android 3.0 Honeycomb
136. Markup tags tell the web browser
- How to display the file
 - How to organise the page
 - How to display message box on page
 - None of the above
137. The instructions for starting the computer are housed in _____
- RAM
 - CD-ROM
 - ROM Chip
 - None of these
138. What are the four things needed to connect to the internet?
- telephone line, modem, computer, and an ISP
 - modem, computer, PDA, and ISP
 - telephone line, modem, computer, and PDA
 - computer, ISP, modem, and communication software
139. What happens when you boot up a PC?
- Portions of the operating system are copied from disk into memory
 - Portions of the operating system are copied from memory onto disk
 - Portions of the operating system are compiled
 - Portions of the operating system are emulated
140. Which of the following is an example of an optical disk?
- Digital versatile disks
 - Magnetic disks
 - Memory disks
 - Data bus disks
141. In MICR, C stands for.....
- Code
 - Colour
 - Computer
 - Character
142. Which of the following software applications would be the most appropriate for performing numerical and statistical calculations?
- Database
 - Document Processor
 - Graphic Package
 - Spread Sheet
143. To make the number pad act as a directional arrow, we press
- Num lock
 - Caps lock
 - Arrow lock
 - Shift
144. Where is RAM located?
- Mother Board
 - Expansion Board
 - External Drive
 - None of these
145. Which of the following service allows a user to log in to another computer somewhere on the Internet?
- E-mail
 - UseNet
 - Telnet
 - FTP
146. An internet service that allows the user to move a file.
- FTP
 - Telnet
 - UseNet
 - Time Sharing
147. WPA2 is used for security in _____
- Ethernet
 - Bluetooth
 - Wi-Fi
 - E-mail
148. Pretty good privacy (PGP) is used in _____
- Browser Security
 - E-mail Security
 - FTP Security
 - Wi-Fi Security
149. What tells a firewall how to reassemble a data stream that has been divided into packets?
- The source routing feature
 - The number in the header's identification field
 - The destination IP address
 - The header checksum field in the packet header
150. The attacker using a network of compromised devices is known as _____
- Internet
 - Botnet
 - Telnet
 - D-net