$\square$
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 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 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.

## Data Interpretation

## Directions for Questions (1 to 5):

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.

1. 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) $44: 81$
2. 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
3. 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
4. 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
5. 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

## Directions for Questions (6 to 10):

Study the data below and answer the questions that follow:

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

6. 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
7. Considering the above data of population and its area density, which country has the largest area?
a) Spain
b) Italy
c) France
d) Germany
8. 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) $7.6 \%$
9. 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
10. 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) $7,16,03,500$

## Directions for Questions (11 to 15):

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

| Player | Matches | Innings | Runs | Not <br> 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:

i. The players have played 425 innings in all.
ii. P did not bat in 20 occasions he played.
iii. Both R and T have batted in $5 / 6$ th of the matches they have played.
iv. Q was out in every innings he played.
v. T scored 102 runs more than R.
11. How many total number of matches were played by all the players taken together?
a) 550
b) 520
c) 510
d) 530
12. Which batsman was not out, for most number of times?
a) $Q$
b) $R$
c) S
d) T
13. Who among the players have the best batting average?
a) $P$
b) $Q$
c) $R$
d) S
14. Who among the players have the lowest batting average?
a) $P$
b) $Q$
c) $R$
d) S
15. 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 (16 to 20):
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 |

16. 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) $7: 9$
17. 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
18. 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 hecteres)
a) 7.55
b) 7.66
c) 7.77
d) Can't be determined
19. 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
20. What is the average barley production per state (in lakh tons) in the year 2016?
a) $\quad 18.66$
b) 19.14
c) 21.33
d) 20.65

## Direction for Questions (21 to 25):

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
21. The number of students who failed in all the three subjects is
a) 356
b) 146
c) 212
d) 252
22. The number of students who failed in Bengali but not in Punjabi is
a) 928
b) 784
c) 774
d) 944
23. The number of students who failed in Telugu but not in Bengali is
a) 448
b) 896
c) 1512
d) 928
24. The number of students who failed in Punjabi but not in Telugu is
a) 318
b) 198
c) 213
d) 412
25. The number of students who failed in Telugu or Bengali but not in Punjabi is
a) 1234
b) 1432
c) 1256
d) 1342

Direction for Questions (26 to 30):
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 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\underset{1}{\text { COLLEGE }}$ | Admitted | 161 | 148 | 135 | 112 | 141 |
|  | Left | - | 58 | 69 | 88 | 39 |
| $\begin{array}{\|c\|} \hline \text { COLLEGE } \\ 2 \end{array}$ | Admitted | 148 | 172 | 188 | 173 | 151 |
|  | Left | - | 60 | 96 | 59 | 48 |
| $\begin{array}{\|c\|} \hline \text { COLLEGE } \\ 3 \end{array}$ | Admitted | 179 | 161 | 143 | 165 | 179 |
|  | Left | - | 90 | 101 | 58 | 66 |
| $\begin{array}{\|c\|} \hline \text { COLLEGE } \\ 4 \\ \hline \end{array}$ | Admitted | 116 | 208 | 169 | 142 | 155 |
|  | Left | - | 60 | 45 | 56 | 108 |
| $\begin{gathered} \text { COLLEGE } \\ 5 \\ \hline \end{gathered}$ | Admitted | 128 | 191 | 167 | 185 | 142 |
|  | Left | - | 50 | 79 | 82 | 91 |

26. What is the average number of students who got admission in College 4 during all the given years taken together?
a) 156
b) 164
c) 166
d) 158
27. 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?
a) 212
b) 186
c) 208
d) 192
28. In which of the given colleges the number of students were the highest at the end of 2009?
a) 1
b) 2
c) 3
d) 5
29. What was the total number of students in College 1 at the end of 2011?
a) 335
b) 347
c) 329
d) 341
30. Number of students in College 5 at the end of 2009 is what percent more than the number of students is College 3 at the end of 2009 ?
a) $9 \frac{1}{5}$
b) $11 \frac{1}{5}$
c) $3 \frac{4}{5}$
d) $7 \frac{3}{5}$

Directions for questions ( 31 to 35): 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 who cleared Phase I of Civil Services Exam = 847 Students Clearing from various departments in degrees is mentioned in the Pie Chart

31. Approximately what is the difference between the number of students appeared from English
department and number of students cleared phase I from Maths department?
a) 1350
b) 1240
c) 1340
d) 1250
32. 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) $330 \%$
33. 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) $15: 16$
34. 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
35. 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) $83.45 \%$

## Arithmetic

36. 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
37. $A, B$ 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
38. 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
39. 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
40. The least number of 4 digits which is exactly divisible by 9 is
a) 1009
b) 1018
c) 1027
-d) None of these
41. 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
42. $A$ 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
43. 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) $25 \%$
44. 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
45. 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
46. 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 $2 \mathrm{~km} / \mathrm{h}$; then the speed of the streamer in still water is
a) $20 \mathrm{~km} / \mathrm{h}$
b) $19 \mathrm{~km} / \mathrm{h}$
c) $18 \mathrm{~km} / \mathrm{h}$
d) $19.5 \mathrm{~km} / \mathrm{h}$
47. 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
48. 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) $7: 30 \mathrm{p} . \mathrm{m}$.
b) 7:00 a.m.
c) $\mathbf{6 : 3 0} \mathrm{p} . \mathrm{m}$.
d) 6:00 p.m
49. If the 25 th of August in a year is Thursday, find the number of Mondays in that month
a) 3
b) 4
c) 5
d) 6
50. Ratan had Rs. 240 out of which he gave one-third of the amount to Amal. Then Ratan gave half of what he had left to Kamal. How much money does Ratan has now?
a) 70
b) 75
c) 80
d) 90
51. A trader buys 100 apples for Rs. 800 . He discovered that 20 of the apples were rotten and could not be sold. He sold the remaining apples and made a total profit of $10 \%$. What was the selling price of each apple?
, a) Rs. 11
b) Rs. 12
c) Rs. 13
d) Rs. 14
52. 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.
53. A trader buys two varieties of tea - type-I at Rs. 400 per kg and type-II at Rs. 300 per kg . He mixed 2 kg of type-I with one kg of type-II. He sells off the mixture at Rs. 400 per kg . What is the profit made by the trader for selling 6 kg of the tea?
a) Rs. 100
b) Rs. 125
c) Rs. 175
-d) Rs. 200
54. 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
55. 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
56. 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) $7: 5$
57. 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
58. 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
59. 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
60. 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
61. 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) $\mathbf{9 0 \%}$
62. 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
63. A man crosses a street 600 m long in 5 minutes. His speed in $\mathrm{km} / \mathrm{h}$ is
.a) 7.2
b) $\frac{5}{36}$
c) 3.6
d) 10
64. The minute hand of a clock moves through a distance of 20 minutes. The angle made between its initial and final position is
a) $90^{\circ}$
b) $100^{\circ}$
c) $120^{\circ}$
d) $150^{\circ}$
65. 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
66. 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
67. 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
68. 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) $64 \%$
d) $66 \%$
d) $68 \%$
69. 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
70. Which of following years in the English calendar is not a leap year?
a) 1512
b) 1982
c) 2032
d) 2272

## Logical Reasoning

71. If ' $x$ ' means 'added to';
' $\div$ ' means 'multiplied by';
' + ' means 'subtracted from' and
'-' means 'divided by'
Then
$24+36-12 \times 8 \div 4=$ ?
a) 36
b) 53
c) 5
d) None of these
72. In the following series: $7,10,8,11,9,12, \ldots \ldots$ what number should come next?
a) 7
b) 10
c) 12
d) 13
73. In the following series: F2, , D8, C16, B32, ... What number should fill the blank?
a) A 16
b) G4
c) E4
d) E
74. 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.


## Conclusion:

I. Some air are yellow.
II. Everything that is yellow is solid.
. a) I follows but not II
b) Il follows but not I
c) Both follow
d) Neither follows
75. Pick the odd one out:
.a) Hendecagon
b) Hexagon
c) Heptagon
d) Pentagon
76. What is the next term of the following series?

GLMS, IKNP, KJOM,
a) MKPK
b) MIPK
,c) MIPJ
d) NIPK
77. Which choice mentions the last letter of the word rearranged from the following jumbled spelling: WSRDO
a) $D$
b) G
c) $R$
d) L
78. 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

## Direction for Questions (79 to 82)

Refer to the following four statements and answer the questions that follow.
I. $\quad a$ is older than $b$ and taller than $c$
II. d is younger than e , older than c , and shorter than $f$
III. $\quad \mathrm{g}$ is older than h , younger than c , shorter than $h$, and taller than $f$
IV. $\quad h$ is older than a and shorter than $c$
79. Which of the following is the youngest?
a) a
b) b
c) c
d) $e$
80. Which of the following is the tallest?
-a) a
b) $h$
c) d
d) c
81. 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
82. Which statement about the group is not correct?
a) $d$ is the shortest of the group
b) $f$ is the third oldest of the group
c) c is the second tallest of the group
d) a is the tallest of the group

## Direction for Questions (83 to 88):

## Study the data below and answer the questions.

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

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

84. Who is the wife of $e$ ?
a) a
b) b
.c) c
d) $d$
85. Which one of the following groups includes all men?
a) abc
b) bcd
c) bc
-d) be
86. How many of them are ladies?
a) 1
b) 2
c) 3
d) 4
87. What is the specialization of the married lady?
a) Philosophy
.b) Psychology
c) Economics
d) None of these
88. What is the specialization of $e$ ?
a) Philosophy
b) Psychology
c) Economics
d) None of these
89. 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.

(i)

(ii)

(iii)

(iv)
a) 3
b) 4
c) 5
d) 6
90. Introducing a girl, Samir said, "Her mother is the only daughter of my mother-in-law". How is Samir related to the girl?
a) Uncle
b) Husband
c) Brother
.d) Father

## Direction for Questions (91 to 94):

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

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


91. How many doctors are both players and artists?
a) 4
b) 3
c) 8
d) 11
92. How many artists are players?
-a) 22
b) 30
c) 25
d) 29
93. How many players are neither artists nor doctors?
, a) 25
a) 25
c) 4
d) 3
94. How many doctors are players but not artists?
a) 17
.b) 4
c) 7
d) 22
95. Complete the series

A, H, O, $\qquad$ $?$
a) $R$
b) S
c) V
d) T

## Direction for Questions (96 to 100):

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.

96. Which day of the week is holiday?
a) Monday
b) Wednesday
c) Thursday
d) Saturday
97. Which of the following statement is correct on the basis of given information?
a) Play A is staged two days after the holiday.
b) Play B is staged on the next day of Play D.
c) Staging of plays D and E is separated by one day.
d) Play $E$ is staged on the next day of play $C$.
98. On which day of the week the play A staged?

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

99. Play E is scheduled to be held on $\qquad$ .
a) Monday
-b) Thursday
c) Friday
d) None of these days
100. 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

## Current Events

101. Which two person have the highest and second highest following at Twitter respectively
a) Elon Musk and Barak Obama
b) Donald Trump and Joe Biden
c) Narendra Modi and Rishi Sunak
d) None of the above
102. Who is the present Chairperson of National Green Tribunal?
a) Justice Sheo Kumar Singh
b) Justice Adarsh Kumar Goel
c) Justice Lokeshwar Singh
d) Justice Swatanter Kumar
103. In which country is first overseas campus of IIT (Madras) is likely to be set UP?
a) Singapore
b) Tanzania
c) Nigeria
d) South Korea
104. Who is Attorney General of India?
a) Tushar Mehta
b) Soli Sorabjee
c) Harish Khare
d) R. Venkatramani
105. $22^{\text {nd }}$ Law commission recently released its report on "Uniform Civil Code". Who is the Chairman of the $22^{\text {nd }}$ Law Commission?
a) Justice Ritu Raj Awasthi
b) Justice B. S Chauhan
c) Justice Arun Mishra
d) Justice A.P Shah
106. Where is ICC World Cup 2023 final propose to be held?
a) Feroz Shah Kotla stadium - Delhi
b) Wankhede Stadium - Mumbai
c) Eden Gardens - Calcutta
d) Narendra Modi Stadium - Ahmedabad
107. India won Asian Kabaddi Championship 2023 held at Busan, South Korea. Whom did India defeat in final?
a) Bangladesh
b) Nepal
c) Iran
d) Pakistan
108. International Day against drug abuse and illicit trafficking is observed on
a) 21 June
b) 26 June
c) 1 April
d) 30 June
109. Indian football team won Hero Intercontinental Cup in final at Kalinga Stadium, Bhubaneswar. Whom did they defeat in final?
a) Lebanon
b) Mongolia
c) Vanuatu
d) Iran
110. Which district of Odisha won first prize at National level in best district category at $4^{\text {th }}$ water award?
a) Cuttack
b) Sambalpur
.c) Ganjam
d) Puri
111. Who is the President of Belarus, who reportedly negotiated truce between Wagnor Chief and Russian President V Putin?
a) Alekxandr lukasenko
b) Myechyslaw Hryb
c) Stanislav Shushkevich
d) Suiatlana Tsikhavouskaya
112. 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?
.a) Threads
b) Spread
c) Meta
d) Snapchat
113. Non-fossil fuels account for what percentage of India's installed power generation capacity now?
a) $33 \%$
b) $38 \%$
c) $43 \%$
d) $28 \%$
114. Which Indian won Canada open BWF Super 500 Tournament in early July?
a) P.V Sindhu
b) Lakshya Sen
c) H.S Prannoy
d) Saina Nehwal
115. Where is the next Asian Games $\left(19^{\text {th }}\right)$ proposed to be held?
a) Hangzhou, China
b) Jakarta-Palembang, Indonesia
c) Nagoya, Japan
d) Doha, Qatar
116. 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?
a) 6
b) 7
c) 8
d) 9
117. 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?
a) Mark Rutte
b) Wiim Kok
c) Jan Peter Balkenende
d) None of these
118. Odisha Government received incentive of Rs. 2725 crore from Central Government for 2021 \& 2022. What is the incentive related to?
a) Power sector reform
b) Agriculture sector reform
c) Mining sector reform
d) Police reform
119. There was massive protest/unrest in France in late June and early July. Which incident caused the protest?
a) Shooting of a teenager by police
b) Immigration policy reform
c) Price rise
d) Pension reform
120. Who is the Deputy Speaker of Odisha Legislative Assembly?
a) Surya Narayan Patro
b) Bikram Keshari Arukh
.c) Rajni Kant Singh
d) Prashant Kumar Muduli
121. Who is present Chief Minister of Arunachal Pradesh?
a) Nabam Tuki
.b) Pema Khandu
c) Kali Kho Pul
d) Gegong Apang
122. Who is the present President of Sri Lanka?
a) Gotabaya Rajapaksa
b) Ranil Wickremesinghe
c) Maithripala Sirisena
d) Mahindra Rajapaksha
123. Who is present Comptroller and Auditor General of India?

## Computer and Internet Awareness

a) Rajiv Mehrishi
b) Girish Chandra Murmu
c) Shashi Kant Sharma
d) V. K Shunglu
124. Who won Wimbelon Men's Single Championship in July 2023?
a) D. Medvedev
b) N. Djokovic
c) J. Sinner
d) Carlos Alcaraz
125. Who won French Open Women's Single Crown
2023?
a) Iga Swiatek
b) Karolina Muchova
c) Aryana Sabalenka
d) Beatriz Haddad Mala
126. Who is President of people's Republic of China?
a) Wang Yi
b) Jiang Jemin
c) Xi Jinping
d) HV Jinjao
127. Which teams are clashing in Final of Duleep Trophy in July 2023?
a) West Zone and South Zone
b) North Zone and South Zone
c) West Zone and Central Zone
d) Central Zone and East Zone
128. 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?
a) Nikolay Protasov
b) Yevgeny Prigozhin
c) Victor Pokrovsky
d) Pavel Potemkin
129. "Victory City" was published in February 2023.

Who is its author?
a) Jhumpa Lahiri
b) Amitabh Ghosh
c) Salman Rushdie
d) Arvind Adiga
130. Which country was recently admitted as Member of SCO ?
a) Afghanistan
b) Mongolia
c) Iran
d) Belarus
131. An internet service that allows the user to move a file.
a) FTP
b) Telnet
c) UseNet
d) Time Sharing
132. WPA2 is used for security in $\qquad$
a) Ethernet
b) Bluetooth
c) $\mathrm{Wi}-\mathrm{Fi}$
d) E-mail
133. Pretty good privacy (PGP) is used in $\qquad$
a) Browser Security
b) E-mail Security
c) FTP security
d) Wi-Fi Security
134. What tells a firewall how to reassemble a data stream that has been divided into packets?
a) The source routing feature
b) The number in the header's identification field
c) The destination IP address
d) The header checksum field in the packet header
135. The attacker using a network of compromised devices is known as
a) Internet
b) Botnet
c) Telnet
d) D-net
136. Codes consisting of bars or lines of varying widths or lengths that are computer readable are known as
$\qquad$
a) An AsClI code
b) A magnetic tape
c) AN OCR scanner
d) A Bar code
137. When you cut or copy information it gets place in the $\qquad$
a) Clipboard
b) Mother board
c) RAM
d) None of these
138. Which of the following virus overtake computer system, when it boots and destroy information?
a) System infectors
b) Trojan
c) Stealth virus
d) Boot infectors
139. What are two example of freeware?
a) WinZip and Linux
b) Shareware and file sharing
c) Microsoft word and the Google toolbar
d) Instant messaging and the Google toolbar
140. The first completely 64 -bit compatible version of Android -
a) Android 5.0 Lollipop
b) Android 2.3 Gingerbread
c) Android 4.0 Ice Cream Sandwich
d) Android 3.0 Honeycomb
141. Markup tags tell the web browser
a) How to display the file
b) How to organise the page
c) How to display message box on page
d) None of the above
142. The instructions for starting the computer are housed in $\qquad$
a) RAM
b) $\mathrm{CD}-\mathrm{ROM}$
c) ROM Chip
d) None of these
143. What are the four things needed to connect to the internet?
a) telephone line, modem, computer, and an ISP
b) modem, computer, PDA, and ISP
c) telephone line, modem, computer, and PDA
d) computer, ISP, modem, and communication software
144. What happens when you boot up a PC?
a) Portions of the operating system are copied from disk into memory
b) Portions of the operating system are copied from memory onto disk
c) Portions of the operating system are compiled
d) Portions of the operating system are emulated
145. Which of the following is an example of an optical
disk?
a) Digital versatile disks
b) Magnetic disks
c) Memory disks
d) Data bus disks
146. In MICR, C stands for.
a) Code
b) Colour
c) Computer
d) Character
147. Which of the following software applications would
be the most appropriate for performing numerical be the most appropriate for performing numerical
and statistical calculations?
a) Database
b) Document Processor
c) Graphic Package
d) Spread Sheet
148. To make the number pad act as a directional arrow,
we press
a) Num lock
b) Caps lock
c) Arrow lock
d) Shift
149. Where is RAM located?
a) Mother Board
b) Expansion Board
c) External Drive
d) None of these
150. Which of the following service allows a user to log in to another computer somewhere on the Internet?
a) E-mail
b) UseNet
c) Telnet
d) FTP

