

APTITUDE TEST FOR ADMISSION INTO +2 COMMERCE (2025-26)

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TIME: 3 Hours
(2:00 pm -5:00 pm)**SET*****:Guidelines to the Candidates:***

1. This Booklet contains printed 16 pages and 2 blank pages for rough work. Any defect found should be brought to the notice of the invigilator immediately.
2. Fill in the particulars in the OMR sheet given to you separately as per the directions given therein.
3. This test is of three hours duration.
4. There are four choices in every question as A., B., C. and D. Only one is correct.
Each question carries 4 marks.
5. (i) The test consists of 100 multiple choice questions comprising English (20), Mathematics (40), Social science (20) and Mental ability (20) carrying maximum of 400 marks
(ii) -1 mark will be awarded for each wrong answer/multiple answer.
(iii) No mark will be awarded for any overwriting/scratching answer.
6. Each candidate must show his/her Admit Card to the invigilator whenever required.
7. No candidate shall leave his/her seat during examination.
8. Do not tear / remove any page of the Booklet.
9. Calculation, if any, may be done at the blank pages of this booklet provided at the end for rough work. No calculator is allowed.
10. After finishing the test the booklet with the OMR sheet is to be handed over to the invigilator before leaving the room.

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of
Centre Superitendant

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Signature of Invigilator with Date:

ENGLISH

Read the Passage and answer the following questions (1-5)

India has opposed a move for Internet to be managed by ICANN—it governs the domain names for websites—while favouring a multi-stakeholder model to oversee the World Wide Web. “The Internet must remain plural. It must be managed by multi-layer and multi-stakeholder system,” telecom minister Ravi Shankar Prasad said in a video address to the meeting of Internet Corporation for Assigned Names and Numbers (ICANN) that began on Sunday in Buenos Aires. He also said India not only supports the multi-stakeholder model, but also encourages others to support it. More than 1,400 members of the global Internet community are meeting this week to discuss and debate the future of ICANN and Internet governance. This is a significant step forward, because India has rarely expressed its stance on Internet governance on a global platform. Its position might appear contrary to India’s traditional stance of democratising governance but this is the right choice.

The pitfalls of state-controlled governance of the net are obvious. The states eager to have a say in how the net would be controlled include many that curtail freedoms of citizens. Their eagerness could impose restrictions on how people elsewhere use the net, if they are given control. In a multi-stakeholder process, all stakeholders—individuals, groups, outfits including businesses, governments, research institutes and NGOs—are actively involved. Decision making is based on consensus, and transparency and accountability are the keys.

India has favoured creation of a contract company amenable to global stakeholders. The Indian suggestion is that under the new system, the body managing Internet should have “accountability towards governments” in areas where “governments have primary responsibility, such as security and similar public policy concerns”. India has also raised concerns over jurisdiction in case there is any dispute among people affected by Internet. While abuse of powers by governments must be zealously watched, there should be no quarrel with their legitimate concerns on public policies. India’s stand on a multi-stakeholder model of Internet governance has been broadly supported by the ICANN president and CEO but there are bones of contention on the specifics of governance.

1. According to the passage, the main objective of introducing the Internet Corporation for Assigned Names and Numbers (ICANN) is strengthening:
 - A. Democratic Governance in India
 - B. Internet Governance in India
 - C. Economic Governance in India
 - D. Corporate Governance in India

2. According to the passage, which of the following elements needed for implementing multi-stakeholder model?
 - A. Consensus and Transparency
 - B. Transparency and Accountability
 - C. Consensus and Accountability
 - D. Consensus, Transparency and Accountability

3. In reference to the passage, what does the phrase ‘bone of contention’ means?
- A. To take on a task that is way too big.
 - B. Dealing with the problem if and when it becomes necessary.
 - C. A subject or issue over which there is continuing disagreement.
 - D. When you are extremely desperate you need to take drastic actions.
4. What is the drawback of the state-controlled Internet governance?
- A. Increasing people’s freedom to the Internet access.
 - B. Restricting people’s freedom to the Internet access.
 - C. Supporting people’s freedom to the Internet access.
 - D. Blocking people’s freedom to the Internet access.
5. According to the passage, India is in the favor of creating:
- A. Single-stakeholder model of Internet governance.
 - B. Broker business model of Internet governance.
 - C. Multi-stakeholder model of Internet governance.
 - D. Creator business model of Internet governance.

In the following questions, out of the four alternatives, choose the one which best expresses the SIMILAR meaning of the underlined word.

6. The critic's scorn for the new novel was evident in her review, where she ridiculed the author's writing style and plot development.
- A. Praise B. Bias C. Despise D. Concise
7. The artist's use of camouflage in her painting created a sense of depth and realism, drawing the viewer's eye to the hidden elements.
- A. Disguise B. Cover C. Demonstrate D. Fabric
8. After the breakup, she couldn't help but yearn for the happy times they had shared together, and the memories lingered in her mind.
- A. Despise B. Crave C. Confront D. Deny
9. The pensive expression on his face made me wonder what was troubling him, and I asked if everything was okay.
- A. Precise B. Contemplative C. Unhappy D. Reluctant
10. The politician's narcissism was evident in her speeches, where she often spoke about her own accomplishments and qualities.
- A. Unpleasant behaviour C. Self condemnation
B. Rude behaviour D. Self admiration

In the following questions, out of the four alternatives, choose the one which best expresses the OPPOSITE meaning of the underlined word.

11. The soldier was praised for his valour displayed in the battle field.
A. Forebearance B. Erudition C. Cowardice D. Idiosyncrasy
12. The tourists were delighted by the serene beauty of the lake.
A. Peaceful B. Turbulent C. Calm D. Quiet
13. The company's frugal spending habits helped them weather the economic downturn.
A. lavish B. cautious C. wise D. prudent
14. The spontaneous applause from the audience surprised the performer.
A. Planned B. Sudden C. Impromptu D. Unplanned
15. The persistent efforts of the team paid off in the end.
A. Relentless B. Tenacious C. Intermittent D. tenacious

Fill in the blanks in the following sentences with the word that best fits the context and meaning of the sentence.

16. The young man, who was _____ (a person studying to be a priest), spent several years in the seminary.
A. Theologian B. Seminarian C. Cleric D. Acolyte
17. The _____ (expert in the study of the structure of the earth's crust) spent years studying the rock formations in the mountains.
A. Geologist B. Geophysicist C. Seismologist D. Stratigrapher
18. The politician's _____ (strong supporter of a particular cause) argued that the new policy would benefit the community.
A. Advocate B. Proponent C. Enthusiast D. Partisan
19. The police arrested the _____ (person pretending to be something they are not) who had been posing as a doctor.
A. Imposter B. Hypocrite C. Charlatan D. Simulant
20. The _____ (expert in the study of the relationship between organisms and their environment) warned about the dangers of pollution on the ecosystem.
A. Ecologist B. Biologist C. Zoologist D. Botanist

MATHEMATICS

21. A cylindrical vessel of diameter 4 cm is partly filled with water. 300 lead balls are dropped in it. The rise in water level is 0.8 cm. The diameter of each ball is
A. 0.8 cm C. 0.2 cm
B. 0.4 cm D. None of these
22. A rocket is in the form of a circular cylinder closed at the lower end with a cone of the same radius attached to the top. The cylinder is of radius 2.5 cm and height 21 cm and the cone has the slant height 8 cm. The volume of the rocket is
A. 395.14 cm^3 C. 504.21 cm^3
B. 462.26 cm^3 D. None of these

23. If the radius of the base of a cone is halved, keeping the height same, then the ratio of the volume of the reduced cone to that of the original cone is
- A. 1:4
B. 2:3
C. 4:1
D. 3:2
24. A solid is hemispherical at the bottom and conical from the top. If the surface area of the two parts are equal, then the ratio of its radius and the height of its conical part is
- A. 1:3
B. $1:\sqrt{3}$
C. $\sqrt{3}:2$
D. 3:2
25. A sequence $a, a+d, a+2d, \dots, a+nd$, has odd number of terms, then median is
- A. $a + \left(\frac{n-1}{2}\right)d$
B. $a + \left(\frac{n}{2} - 1\right)d$
C. $a + \left(\frac{n+1}{2}\right)d$
D. None of these
26. If half the number of observation in a raw data of $2n$ values are multiplied by 2 and other half divided by 2, then
- A. The mean remains unchanged
B. The new mean is greater than the old mean
C. The new mean is less than the old mean
D. It is not possible to compare the two means because of inadequate data.
27. If the difference of mode and mean of a data is 36, then the difference of median and mean is
- A. 36
B. 6
C. 12
D. 18
28. The mean of 50 observations is 20. If 6 is subtracted from each of the observation and then each of them is multiplied by 4, then the new mean is
- A. 56
B. 42
C. 48
D. 60
29. A number is selected from the set $\{1, 2, 3, 4, 5, 6, 7, 8\}$. The probability that it will be a root of the equation $x^2 - 6x + 8 = 0$ is
- A. $\frac{1}{2}$
B. $\frac{1}{4}$
C. $\frac{1}{8}$
D. $\frac{1}{6}$
30. Two dice are thrown at a time. The probability that the difference of the numbers shown on the dice is 1, is
- A. $\frac{5}{18}$
B. $\frac{1}{36}$
C. $\frac{1}{6}$
D. None of these

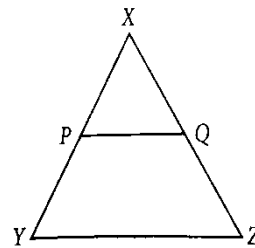
31. Aman and Raman go to a watch shop where they find 8 different varieties of watches. If they buy one watch each, then the probability that they both buy the same variety of watches is
- A. $\frac{3}{8}$ C. $\frac{9}{64}$
 B. $\frac{7}{64}$ D. $\frac{1}{8}$
32. A box contains 54 balls each of which is red, green or black. The probability of selecting a red ball at random from the box is $\frac{1}{3}$, and the probability of selecting a green ball at random is $\frac{4}{9}$. Number of black balls does the box contain is
- A. 10 C. 15
 B. 8 D. 12
33. If $\triangle ABC$ is an equilateral triangle such that A (2,2) and centroid of the triangle is $(-2,2)$ then the length of its side is
- A. 4 units C. $4\sqrt{3}$ units
 B. 6 units D. 9 units
34. If $\cos^2\theta + 2\sin^2\theta + 3\cos^2\theta + 4\sin^2\theta + \dots + 200\sin^2\theta = 10050$, where θ is an acute angle, then the value of $(\sin\theta + 3\cos\theta)^2$ is
- A. 8 C. 2
 B. 4 D. 1
35. If $\sin\theta + \cos\theta = \frac{3}{2}$ then $\sin\theta \cdot \cos\theta$ is equal to
- A. 1 C. $\frac{5}{8}$
 B. $\frac{2}{3}$ D. 0
36. The angle of elevation of the top of a tower from the bottom of a building is twice that from its top. If the height of the tower is 75 m and the angle of elevation of the top of the tower from the bottom of the building is 60° , then height of the building is
- A. 25 m C. 50 m
 B. 37.5 m D. 60 m
37. From the top of a rock, the angle of depression of the top and the foot of a tree are 30° and 60° respectively. If the height of the tree is 50 m, then the height of the rock is
- A. 60 m C. 75 m
 B. 70 m D. 100 m
38. If the altitudes from two vertices of a triangle to the opposite sides are equal, then the triangle is
- A. Equilateral C. Scalene
 B. Isosceles D. Right-angled

39. The perimeter of two similar triangles DEF and GHI are 22 cm and 44 cm respectively. If $EF=9$ cm and $HI:GI=3:2$, then the length of GI is

A. 12 cm
B. 18 cm
C. 6 cm
D. 10 cm

40. In ΔXYZ , if $PQ \parallel YZ$, $XP = (a + 2)$ cm, $PY = 2$ cm, $XQ = 56$ cm and $QZ = (a - 4)$ cm, then the value of $\left(a - \frac{1}{a}\right)$ is

A. $\frac{145}{12}$
B. $\frac{143}{2}$
C. $\frac{143}{12}$
D. $\frac{145}{2}$



41. The co-ordinates of the circumcentre of the triangle formed by the points $O(0,0)$, $P(x,0)$, $Q(0,y)$ are

A. (x,y)
B. $\left(\frac{x}{2}, \frac{y}{2}\right)$
C. $\left(\frac{x}{2}, \frac{y}{2}\right)$
D. (y,x)

42. If a point $P(x,y)$ is equidistant from $A(5,1)$ and $B(-1,5)$, then

A. $5x=y$
B. $x=5y$
C. $3x=2y$
D. $2x=3y$

43. The perpendicular bisector of the line segment joining the points $A(1,5)$ and $B(4,6)$ cuts the y-axis at

A. $(0,13)$
B. $(0,-13)$
C. $(0, 12)$
D. $(13, 0)$

44. If the mid-point of the line segment joining the points $A(3,4)$ and $B(k,6)$ is $P(x,y)$ and $x + y - 10 = 0$, then the value of k is

A. -7
B. 7
C. 10
D. 3

45. The n^{th} term of an A.P, the sum of whose n terms is S_n is

A. $S_n + S_{n-1}$
B. $S_n - S_{n-1}$
C. $S_n + S_{n-1}$
D. $S_n - S_{n+1}$

46. The sum of n terms of two A.P's are in the ratio $5n+4:9n+6$.

Then, the ratio of their 18^{th} term is

A. $\frac{179}{321}$
B. $\frac{178}{321}$
C. $\frac{175}{321}$
D. $\frac{176}{321}$

47. If the sum of p terms of an A.P is q and the sum of q terms is p , then the sum of $p + q$ terms will be

A. 0
B. $p-q$
C. $p + q$
D. $-(p+q)$

48. If four numbers in A.P. are such that their sum is 50 and the greatest number is 4 times the least, then the numbers are

A. $5,10,15,20$
B. $4,10,16,22$
C. $3,7,11,15$
D. none of these

49. If $(a^2 + b^2)x^2 - 2(ac + bd)x + c^2 + d^2 = 0$ has no real roots, then

A. $ad = bc$
B. $ab = cd$
C. $ac = bd$
D. $ad \neq bc$

50. If one root of the equation $ax^2 + bx + c = 0$ is three times the other, then
 A. $b^2 = 16ac$ B. $b^2 = 3ac$ C. $3b^2 = 16ac$ D. $16b^2 = 3ac$
51. Had Ajita scored 10 more marks in her mathematics test out of 30 marks, 9 times these marks would have been the square of her actual marks. How many marks did she get in the test?
 A. 15 B. 20 C. 22 D. 17
52. If one root of the equation $4x^2 - 2x + (\beta - 4) = 0$ be the reciprocal of the other, then $\beta =$
 A. 8 B. -8 C. 4 D. -4
53. One equation of a pair of dependent linear equation is $-5x + 7y = 2$. The second equation can be
 A. $10x + 14y + 4 = 0$ B. $-10x - 14y + 4 = 0$
 C. $-10x + 14y + 4$ D. $10x - 14y = -4$
54. For which value(s) of k will the pair of equations
 $Kx + 3y = k - 3$
 $12x + ky = k$; $k \neq 0$ have no solution?
 A. $k=6$ B. $k=-6$ C. $k=\pm 6$ D. $k=12$
55. If the sum of the ages of a father and his son in years is 65 and twice the difference of their ages in years is 50, then the age of father is
 A. 40 years B. 45 years C. 55 years D. 65 years
56. The area of the triangle formed by the line $\frac{x}{a} + \frac{y}{b} = 1$ with the coordinate axes is
 A. ab B. $2ab$ C. $\frac{1}{2}ab$ D. $\frac{1}{4}ab$
57. At one end A of a diameter AB of a circle of radius 5cm, tangent XAY is drawn to the circle. The length of the chord CD parallel to XY and at a distance 8cm from A is
 A. 4cm B. 5cm C. 6cm D. 8cm
58. If two tangents inclined at an angle of 60° , are drawn to a circle of radius 3cm, then length of each tangent is equal to
 A. $\frac{3\sqrt{3}}{2}$ cm B. 6cm C. 3cm D. $3\sqrt{3}$ cm
59. Two circles touch each other externally at P. AB is a common tangent to the circle touching them at A and B. The value of $\angle APB$ is
 A. 30° B. 45° C. 60° D. 90°
60. From a point P which is at a distance of 13cm from the centre O of a circle of radius 5cm, the pair of tangents PQ and PR to the circle are drawn. Then the area of the quadrilateral PQOR is
 A. 60 cm^2 B. 30 cm^2 C. 65 cm^2 D. 32.5 cm^2

SOCIAL SCIENCE

61. Read the following statements- Assertion (A) and Reason (R). Choose one of the correct alternatives given below.

Assertion (A): Modern currency is used as a medium of exchange, however, it does not have a use of its own.

Reason (R): Modern currency is divided into two types coins and paper currency.

Alternatives:

- A. Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion(A)
 - B. Both Assertion (A) and Reason (R) are true and Reason (R) is not the correct explanation of Assertion(A)
 - C. Assertion (A) is true but Reason (R) is false.
 - D. Assertion (A) is false but Reason (R) is true.
62. Read the following statements- Assertion (A) and Reason (R). Choose one of the correct alternatives given below.

Assertion (A): Collateral is an asset that the borrower owns and use this as a guarantee to a lender until the loan is repaid.

Reason (R): Availability of collateral makes loan sanction easier.

Alternatives:

- A. Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion(A)
 - B. Both Assertion (A) and Reason (R) are true and Reason (R) is not the correct explanation of Assertion(A)
 - C. Assertion (A) is true but Reason (R) is false.
 - D. Assertion (A) is false but Reason (R) is true.
63. Read the following statements- Assertion (A) and Reason (R). Choose one of the correct alternatives given below.

Assertion (A): Informal sector of credit charges higher rate of interest.

Reason (R): High rate of interest is the main reason of debt trap.

Alternatives:

- A. Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion(A)
 - B. Both Assertion (A) and Reason (R) are true and Reason (R) is not the correct explanation of Assertion(A)
 - C. Assertion (A) is true but Reason (R) is false.
 - D. Assertion (A) is false but Reason (R) is true.
64. Read the following statements- Assertion (A) and Reason (R). Choose one of the correct alternatives given below.

Assertion (A): Foreign trade creates an opportunity for the producers to reach beyond the domestic markets.

Reason: Foreign trade expands the choice of goods beyond what is domestically produced.

Alternatives:

- A. Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion(A)
 - B. Both Assertion (A) and Reason (R) are true and Reason (R) is not the correct explanation of Assertion(A)
 - C. Assertion (A) is true but Reason (R) is false.
 - D. Assertion (A) is false but Reason (R) is true.
65. Amrita works five days a week, receives her income on the last day of each month and gets medical facilities, Provident Fund, HRA from her employer. Identify the sector in which Amrita works.
- A. Public sector
 - B. Private sector
 - C. Organized Sector
 - D. Unorganized sector
66. Read the following statements- Assertion (A) and Reason (R). Choose one of the correct alternatives given below.

Assertion(A): Money in your pocket cannot buy all the goods and services that you may need to live well.

Reason(R): So, income by itself is not a completely adequate indicator of material goods and services that citizens are able to use.

Alternatives:

- A. Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion(A)
 - B. Both Assertion (A) and Reason (R) are true and Reason (R) is not the correct explanation of Assertion(A)
 - C. Assertion (A) is true but Reason (R) is false.
 - D. Assertion (A) is false but Reason (R) is true.
67. Read the following statements- Assertion (A) and Reason (R). Choose one of the correct alternatives given below.

Assertion(A): An individual who manufactures flour from wheat is engaged in the primary sector.

Reason(R): When some process of manufacturing is used the product is a part of the secondary sector.

Alternatives:

- A. Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion(A)
- B. Both Assertion (A) and Reason (R) are true and Reason (R) is not the correct explanation of Assertion(A)
- C. Assertion (A) is true but Reason (R) is false.
- D. Assertion (A) is false but Reason (R) is true.

68. Read the following statements- Assertion (A) and Reason (R). Choose one of the correct alternatives given below.

Assertion(A): Rakesh is an educated and skilled worker who earns a high monthly salary as he is employed in a private bank in a city.

Reason(R): all services sectors in India are growing extremely well and each individual engaged in any kind of tertiary activity and earns a high income.

Alternatives:

- A. Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion(A)
 - B. Both Assertion (A) and Reason (R) are true and Reason (R) is not the correct explanation of Assertion(A)
 - C. Assertion (A) is true but Reason (R) is false.
 - D. Assertion (A) is false but Reason (R) is true.
69. Read the following statements- Assertion (A) and Reason (R). Choose one of the correct alternatives given below.

Assertion(A): The value of final goods already includes the value of all the intermediate goods that are used in making the final good.

Reason(R): The value of final goods and services produced in each sector during a particular year provides the total production of the sector for the next two years.

Alternatives:

- A. Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion(A)
 - B. Both Assertion (A) and Reason (R) are true and Reason (R) is not the correct explanation of Assertion(A)
 - C. Assertion (A) is true but Reason (R) is false.
 - D. Assertion (A) is false but Reason (R) is true.
70. Read the following statements- Assertion (A) and Reason (R). Choose one of the correct alternatives given below.

Assertion (A): The service sector is gaining more importance in the global economy.

Reason (R): As income levels decrease, certain sections of people start demanding many more services like private schools, and hospitals, eating outlets, tourism, etc.

Alternatives:

- A. Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion(A)
- B. Both Assertion (A) and Reason (R) are true and Reason (R) is not the correct explanation of Assertion(A)
- C. Assertion (A) is true but Reason (R) is false.
- D. Assertion (A) is false but Reason (R) is true.

71. Read the following statements- Assertion (A) and Reason (R). Choose one of the correct alternatives given below.

Assertion(A): Sustainable development is a crucial step for the development of a country.

Reason(R): Sustainability is the capability to use the resources judicious and maintain ecological balance.

Alternatives:

- A. Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion(A)
 - B. Both Assertion (A) and Reason (R) are true and Reason (R) is not the correct explanation of Assertion(A)
 - C. Assertion (A) is true but Reason (R) is false.
 - D. Assertion (A) is false but Reason (R) is true.
72. Read the following statements- Assertion (A) and Reason (R). Choose one of the correct alternatives given below.

Assertion(A): Developmental goals that people have are not only about better income but also about other important things in life.

Reason(R): A safe and secure environment may allow more women to take up a variety of jobs or run a business.

Alternatives:

- A. Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion(A)
 - B. Both Assertion (A) and Reason (R) are true and Reason (R) is not the correct explanation of Assertion(A)
 - C. Assertion (A) is true but Reason (R) is false.
 - D. Assertion (A) is false but Reason (R) is true.
73. Read the following statements- Assertion (A) and Reason (R). Choose one of the correct alternatives given below

Assertion(A) : The crude oil reserves are going down for the entire world, and the countries need to find substitute fuel for crude oil.

Reason (R): A country that is dependent on imports for crude oil will demand more crude oil in the future.

Alternatives:

- A. Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion(A)
- B. Both Assertion (A) and Reason (R) are true and Reason (R) is not the correct explanation of Assertion(A)
- C. Assertion (A) is true but Reason (R) is false.
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74. Read the following statements- Assertion (A) and Reason (R). Choose one of the correct alternatives given below

Assertion (A): Rakesh is an educated and skilled worker who earns a high monthly salary as he is employed in a private bank in a city.

Reason (R): all services sectors in India are growing extremely well and each individual engaged in any kind of tertiary activity and earns a high income.

Alternatives:

- A. Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion(A)
 - B. Both Assertion (A) and Reason (R) are true and Reason (R) is not the correct explanation of Assertion(A)
 - C. Assertion (A) is true but Reason (R) is false.
 - D. Assertion (A) is false but Reason (R) is true.
75. Find the odd one out from the following:
- A. Postman, Bank cashier, Soldier and Police constable
 - B. MTNL, Indian Railways, Jet Airways, All India Radio
 - C. Teacher, Doctor, Tourist guide, Lawyer
 - D. Cobbler, Washerman, Tailor, Potter

76. Read the following statements- Assertion (A) and Reason (R). Choose one of the correct alternatives given below

Assertion(A) : The crude oil reserves are going down for the entire world, and the countries need to find substitute fuel for crude oil.

Reason (R): A country that is dependent on imports for crude oil will demand more crude oil in the future.

Alternatives:

- A. Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion(A)
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 - C. Assertion (A) is true but Reason (R) is false.
 - D. Assertion (A) is false but Reason (R) is true.
77. Read the following statements- Assertion (A) and Reason (R). Choose one of the correct alternatives given below.
- Assertion(A) :** Suppose the literacy rate in a state is 78% and the net attendance ratio in secondary stage is 47%.
- Reason(R) :** More than half of the students are going to other states for elementary education.

Alternatives:

- A. Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion(A)
- B. Both Assertion (A) and Reason (R) are true and Reason (R) is not the correct explanation of Assertion(A)

- C. Assertion (A) is true but Reason (R) is false.
 D. Assertion (A) is false but Reason (R) is true.
78. Amrita works five days a week, receives her income on the last day of each month and gets medical facilities, Provident Fund, HRA from her employer. Identify the sector in which Amrita works.
 A. Public sector
 B. Private sector
 C. Organized Sector
 D. Unorganized sector
79. Ravi has surplus money so he opens a bank account and deposits in it. Whenever he needs money, he can go to his bank and withdraw the required money from the bank. This kind of deposit with the bank is known as,
 A. Demand deposit
 B. Term deposit
 C. Fixed deposit
 D. Surplus deposit
80. A porter making pots, wants to exchange pots for wheat. Luckily, he meets a farmer who has wheat and is willing to exchange it for the pots. What is this situation known as?
 A. Incidence of wants
 B. Double coincidence of wants
 C. Barter system of wants
 C. None of the above

MENTAL ABILITY

81. Find the odd one out:

- | | |
|----------------|---------------|
| A. Despondency | C. Melancholy |
| B. Euphoria | D. Sorrow |

82. Find out the missing term in the series 2,10,30____,130,222

- | | | | |
|-------|-------|-------|-------|
| A. 51 | B. 92 | C. 68 | D. 89 |
|-------|-------|-------|-------|

83. What should come in place of question mark in the series given below?

7,8, 18, ?, 232,1165

- | | | | |
|-------|-------|-------|--------|
| A. 34 | B. 57 | C. 99 | D. 144 |
|-------|-------|-------|--------|

84. In a certain code HILTON is written as IHTLNO, How is BILLION written in that code?

- | | |
|------------|------------|
| A. IBLLION | C. IBLLOIN |
| B. IBOILLN | D. IBLOILN |

85. Each of the vowels in the word 'MAGNIFY' is replaced by number '2' and each consonant is replaced by a number which is the serial number of that consonant in the word, i.e. M by 1, G by 3 and so on. What is the total of all the numbers once the replacement is completed?

- | | |
|-------|-------|
| A. 22 | C. 25 |
| B. 24 | D. 26 |

86. Arrange the given words in the sequence in which they occur in the dictionary and then choose the correct sequence.

(i) Aqueous, (ii) Aquarium, (iii) Aquiline, (iv) Aquatic

A. (iv), (iii), (ii), (i)

C. (ii), (iv), (i), (iii)

B. (i), (ii), (iii), (iv)

D. (iii), (i), (iv), (ii)

87. 'Warning' is related to 'Danger' in the same way 'Mystery' is related to _____?

A. Clue

C. History

B. Risk

D. Direction

88. Select the option in which the words share the same relationship as that shared by the given pair of words.

Wimbledon Trophy : Tennis :: Walker's Cup : ?

A. Hockey

C. Golf

B. Polo

D. Wrestling

89. If in a certain code language 'TIGER' is written as 'GRTVT', then what word will be written for 'HMZPV'?

A. GREAT

C. SNAKE

B. TRACK

D. PLATE

90. If in a certain code language 'NEETA' is written as 'MVVGZ', then what word will be written for 'IZHSNR'?

A. RASHMI

C. ANJALI

B. VANDANA

D. POONA

91. Find out the missing number (?)

6	18	15
3	2	5
4	3	?
8	27	9

A. 11

B. 6

C. 3

D. 2

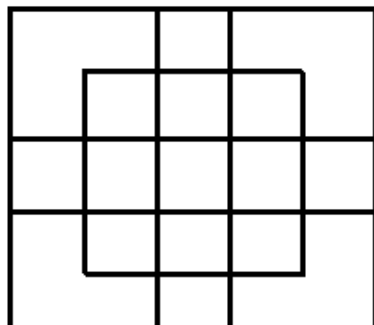
92. How many maximum square are in the following figure?

A. 18

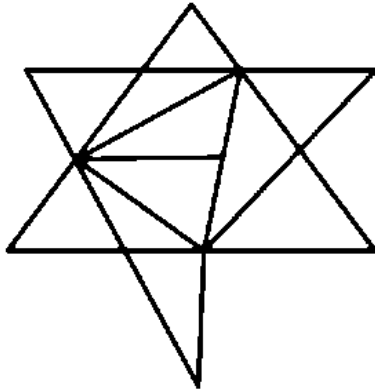
B. 19

C. 25

D. 27



93. How many triangles are there in the following figure?



A. 21

B. 17

C. 19

D. 20

94. **DIRECTION QUESTION:** A, B, C and D are playing cards. A and C, and B and D are partners. D is to the right of C. The face of C is towards West. Find the direction that D is facing.

A. West

B. East

C. South

D. North

95. Anup travels 5 km towards the west from his office, then travels 4 km towards the north, followed by 5 km towards the west and finally 6 km towards the north. What is the horizontal distance (in km) travelled by him?

A. 15

B. 10

C. 20

D. 25

96. Find the odd one out:

A. Fleas

B. Parrot

C. Harbor

D. Grasshoppers

97. Choose the correct alternative: Influenza : Virus :: Typhoid : ?

A. Bacillus

B. Parasite

C. Protozoa

D. Bacteria

98. Look at this series: 53, 53, 40, 40, 27, 27, ... What number should come next?

A. 12

B. 14

C. 27

D. 53

99. Choose the word which is most opposite in meaning to the word EMBRACE

A. Disobey

B. Contradict

C. Reject

D. obscure

100. Find most opposite word of COERCIVE

A. Progressive

B. Promoting

C. Opinionated

D. Gentle
