

Question Booklet Version:

A

Qn. Booklet No:

25029

Roll Number:

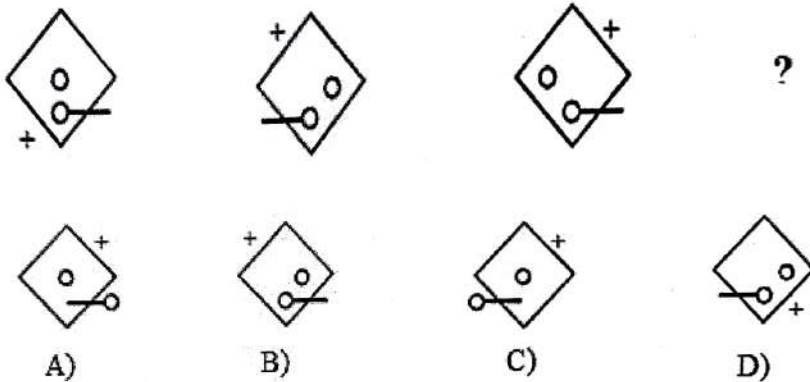
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INSTRUCTIONS TO CANDIDATES

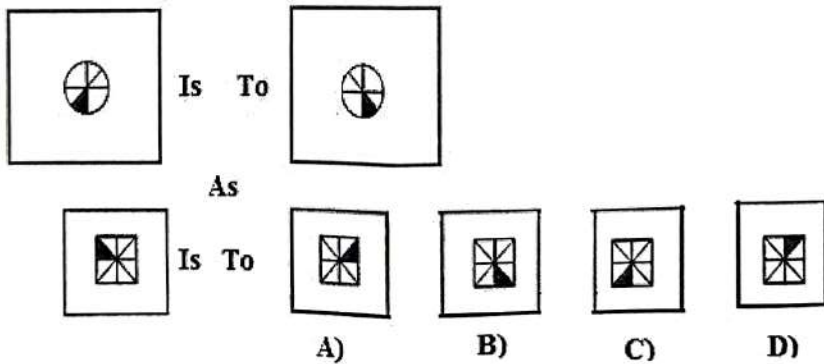
1. Fill in the OMR sheet carefully as per the instructions given on the back of the OMR Sheet / Admit Card. OMR sheet not correctly filled in will not be valued.
2. Write your Roll Number (all eight digits) and Version as **A** on the Question Booklet and on the left hand side of the OMR sheet (basic data part).
3. The examination consists of 100 Objective type multiple choice questions, which are to be answered in 100 minutes.
4. After opening the Question Booklet ensure that there are 100 Questions and that the printing of all the questions are legible. If there are any missing or illegibly printed questions, the matter may be reported to the Invigilator immediately.
5. There are 4 options (A, B, C & D) for each objective type question. Mark the most appropriate answer to each question by blackening fully the corresponding bubble in the OMR sheet with a black/blue ink ball point pen. **For every correct answer 1 mark will be awarded. No deduction of mark will be made for incorrect answer and unanswered questions.** Marking of more than one bubble against a question number in the OMR sheet shall be considered as an incorrect answer. Erasing, overwriting, partial marking, etc. shall also be treated as incorrect answer.
6. Rough work and calculations can be made in the blank pages attached to the question booklet. Watch, Calculator, Mobile phone, Electronic instruments etc. shall not be allowed in the examination hall.
7. The OMR Sheet and the Hall Ticket should be returned to the Invigilator. The Counterfoil of the Hall Ticket and Question Booklet of the OMR answer sheet can be retained by the candidate after the examination.
8. Answer keys will be published in the website www.lbscentre.kerala.gov.in after the examination. Complaints, if any, from the candidates regarding the questions, responses / probable answer may be sent to the **Email id ddcc.lbs@kerala.gov.in** **within 24 hours** from the time of publication of the answer keys. **Complaints not substantiated with supporting documents will not be considered.** However the decision of the experts regarding such complaints on the answer keys shall be final.
9. The Answer sheet of candidates who indulge in malpractice in any form shall not be valued.
10. The candidates will be allowed to leave the hall only after the completion of the examination time and after handing over the Answer sheet to the Invigilator.

25029

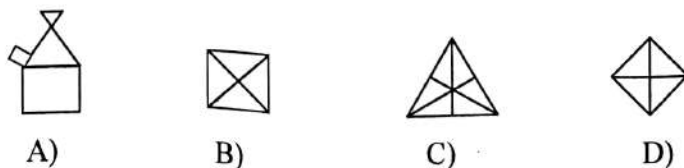
- Who among the following is known as the father of Industrial design?
 - A) Paul Rand
 - B) Saul Bass
 - C) Raymond Loewy
 - D) Mike Parry
- The new Parliament building Sansad Bhavan was designed by:
 - A) Bimal Patel
 - B) Arun Yogiraj
 - C) Chandrakant Sompura
 - D) Raj Rewal
- Identify the figure which will come next in the series:



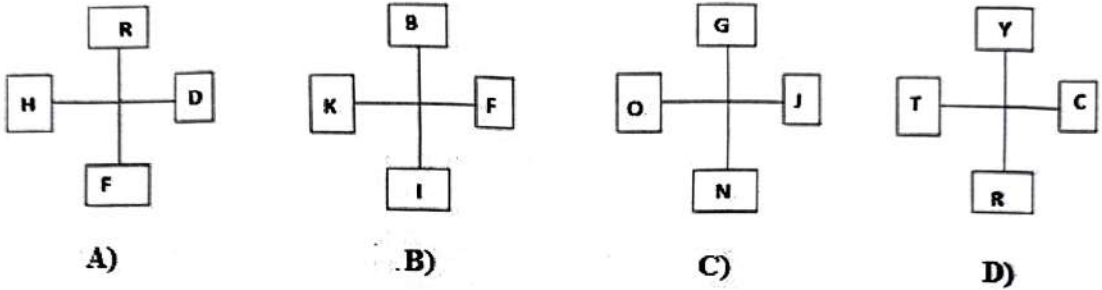
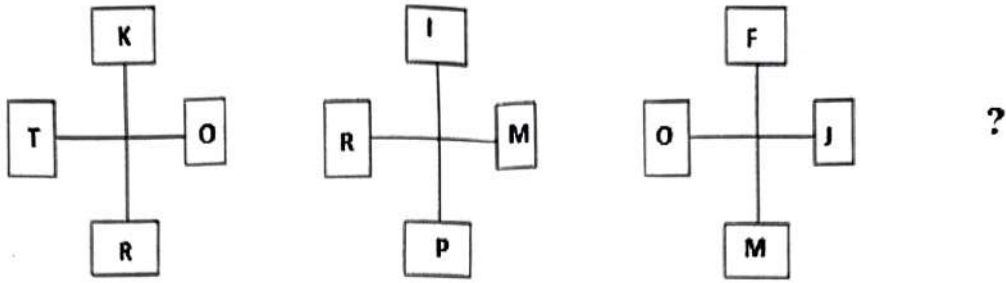
- Identify the answer figure from the options:



- Which of the given figure can be drawn without either lifting the pen or retracing any line?



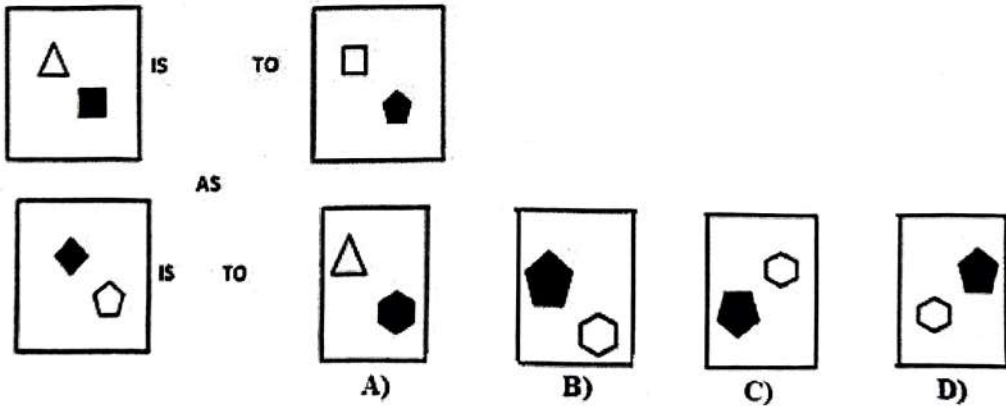
6. Identify the figure which will come next in the series:



7. The length to width ratio of our National Flag is:

- A) 2 : 3 B) 3 : 2 C) 5 : 4 D) 4 : 3

8. Identify the answer figure from the options:



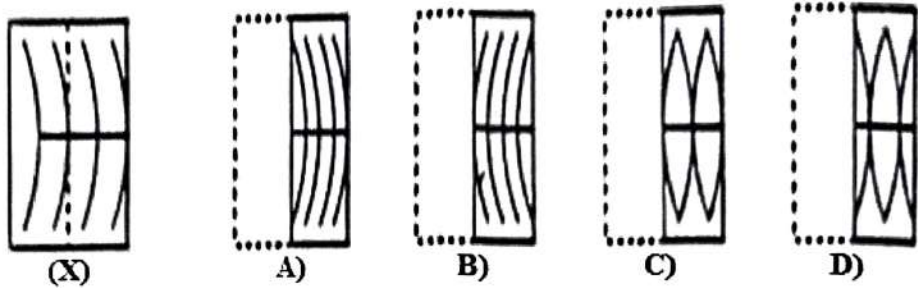
9. Choose the alternative which closely resembles the mirror image of the given word:

GEOGRAPHY

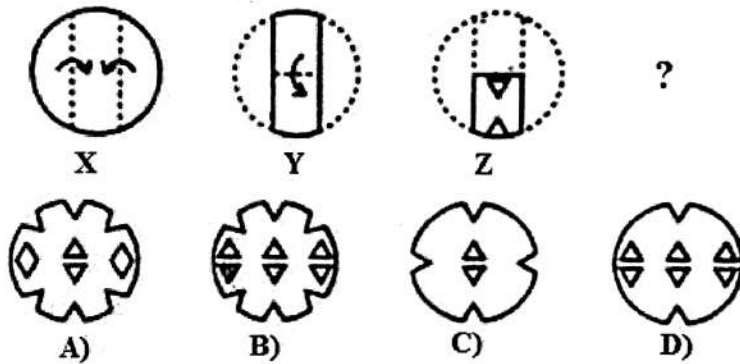
- A) **YHPARGOEG** B) **YHPARGOEG**
 C) **LHPARGOEG** D) **YHGRAPHY**

10. How many colors are there in the Google logo?
 A) 3 B) 5 C) 4 D) 6

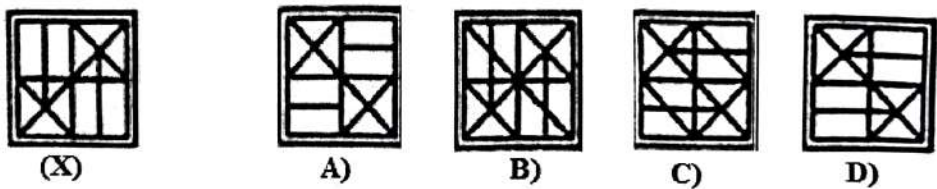
11. Find out from amongst the four alternatives as to how the pattern (X) would appear when the transparent sheet is folded at the dotted line:



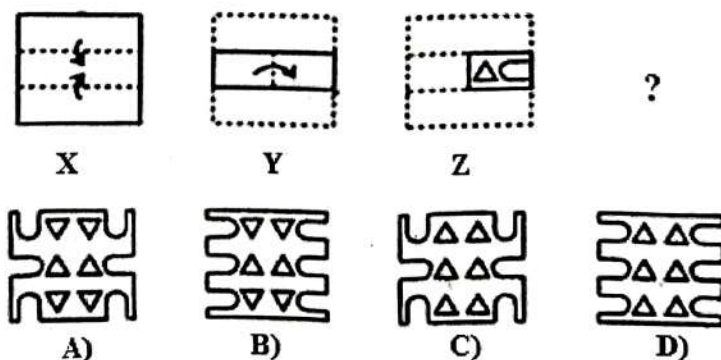
12. Choose a figure which would most closely resemble the unfolded form of Figure (Z).



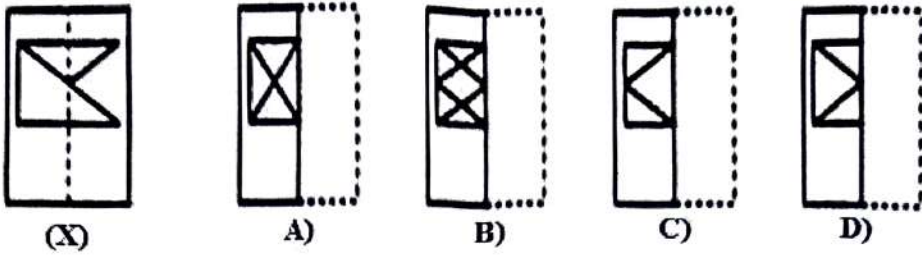
13. Find out how will the key figure (X) look like after rotation:



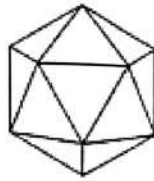
14. Choose a figure which would most closely resemble the unfolded form of Figure (Z).



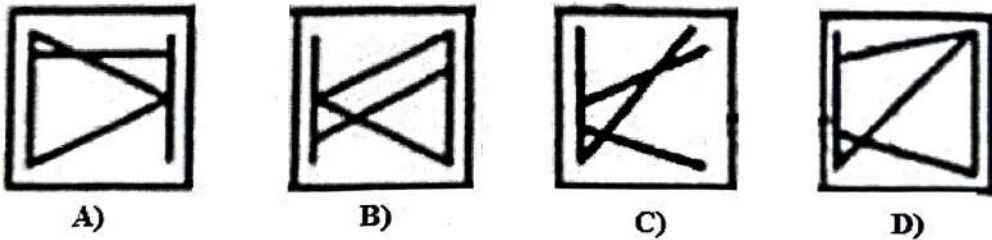
15. Find out from amongst the four alternatives as to how the pattern would appear when the transparent sheet (X) is folded at the dotted line:



16. How many edges have an icosahedrons have?



- A) 20 B) 12 C) 30 D) 24
17. Choose the figure which is different from the rest:



18. Choose the alternative which closely resembles the water-image of the given combination:

RAJ589D8

- A) **8D982LAR** B) **8D982LAR**
 C) **8D982JAR** D) **8D982JAR**

19. Match the following List I (Picture of monuments) with List II (the Currency note in which they appear):

List I

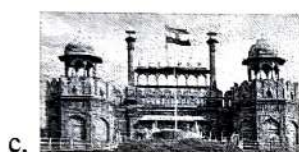
List II



1. Rs.100



2. Rs.50



3. Rs. 200



4. Rs. 500

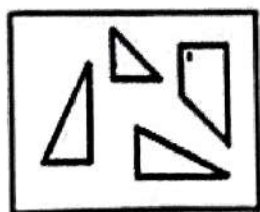
A) a-2, b-4, c-1, d-3

B) a-2, b-1, c-4, d-3

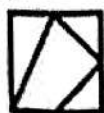
C) a-3, b-1, c-4, d-2

D) a-3, b-2, c-1, d-4

20. Find out the figure which can be formed from the pieces given in figure (X).



(X)



A)



B)

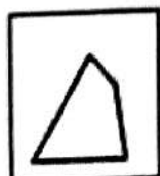


C)

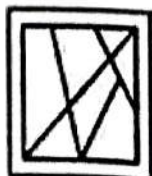


D)

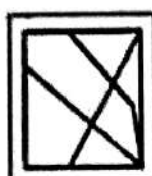
21. Find out the alternative figure which contains figure (X) as its part.



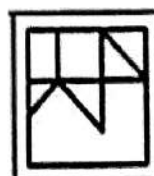
(X)



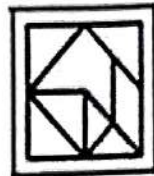
A)



B)

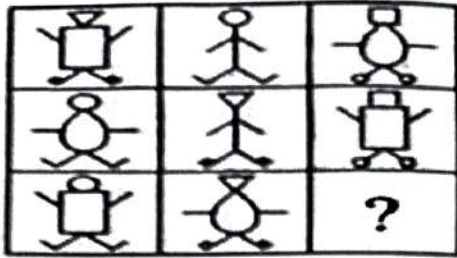


C)



D)

22. Select a suitable figure from the four alternatives that would complete the figure matrix.



A)



B)

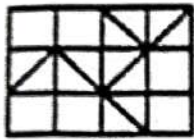


C)

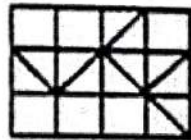


D)

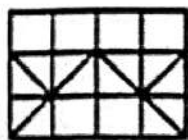
23. Choose the correct water image of the given figure (X) from amongst the four alternatives.



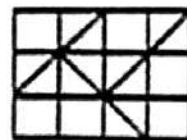
(X)



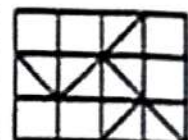
A)



B)

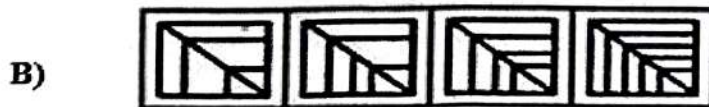







C)












D)



24. Choose the set of figures which follows the given rule.
Rule: The series becomes complex as it proceeds.



25. If  +  +  +  = 

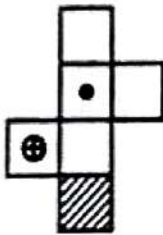
 +  =  +  + 

 +  +  +  =  +  +  +  + 

Then  = How many  ?

- A) 4 B) 6 C) 3 D) 2

26. Choose the box/s that is/are similar to the box formed from the given sheet of paper (X)



(X)



1



2



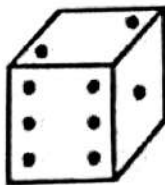
3



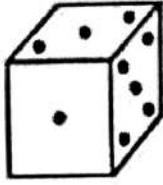
4

- A) 1 only B) 1 & 3 only C) 1,3 &4 only D) 1,2,3 and 4

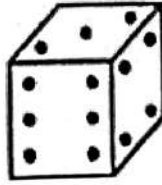
27. If the total number of dots on opposite faces of a cubical block is always 7, find the figure which is correct:



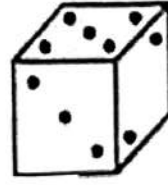
A)



B)

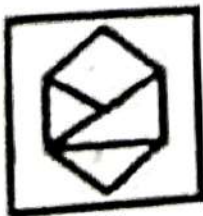


C)

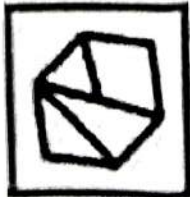


D)

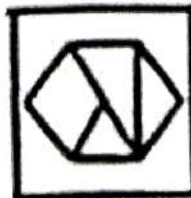
28. Identify the figure which is different from the rest:



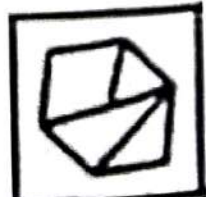
A)



B)

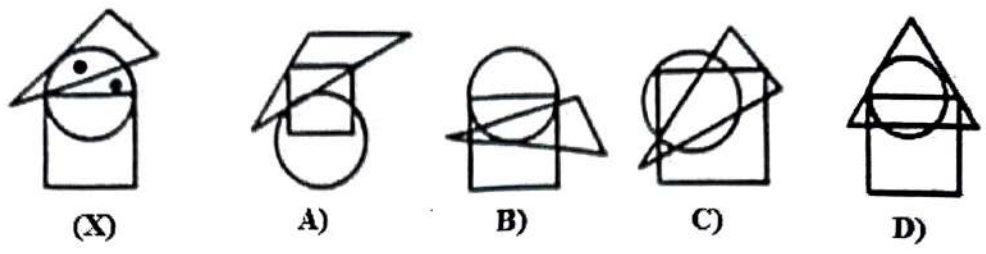


C)

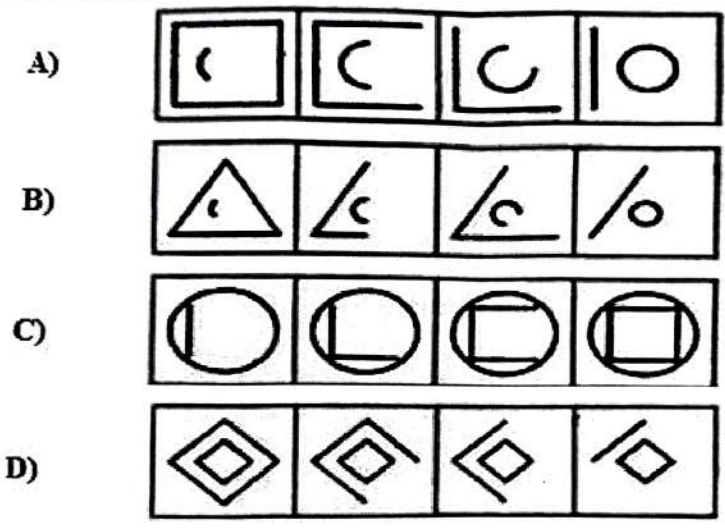


D)

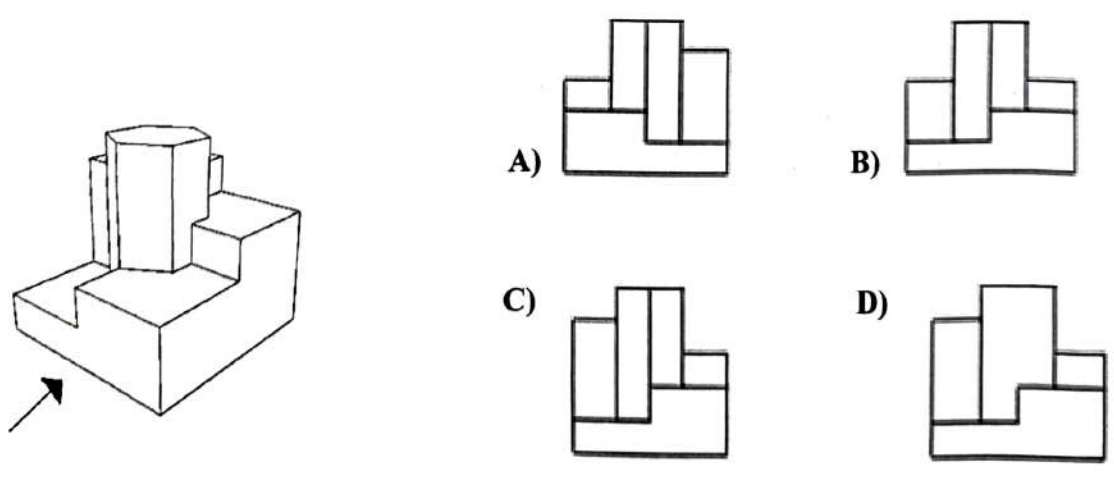
29. Select the figure which satisfies the same conditions of placement of the dots as in Figure-X.



30. Choose the set of figures which follows the given rule.
 Rule: Closed figures become more and more open and open figures become more and more closed:



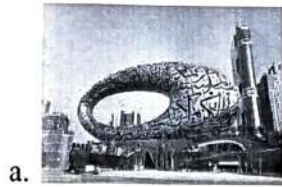
31. Identify the elevation from the arrow marked:



32. Match the Following List I (Landmark) with List II (Country):

List I

List II



1. Australia



2. Singapore



3. UAE



4. Brazil

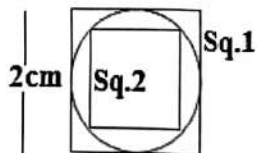
A) a-3, b-4, c-1, d-2

B) a-4, b-2, c-1, d-3

C) a-3, b-1, c-4, d-2

D) a-1, b-2, c-3, d-4

33. Find the ratio of sides of square 1 and square 2 given below:



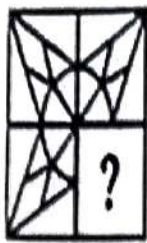
A) 3 : 1

B) 4 : 3

C) 2 : 1

D) $\sqrt{2} : 1$

34. Identify the figure that completes the pattern.



(X)



A)



B)

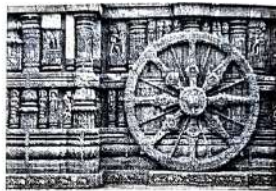


C)



D)

35. Which monument in India is shown in the figure given below?



A) Sanchi Stoopas

B) Sun Temple

C) Ellora

D) Hawa Mahal

36. Identify the company which has the below logo:



A) Arrow

B) Parker

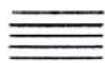
C) Luxor

D) Raymond

37. Identify the figure which will come next in the series:



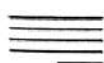
A)



B)



C)

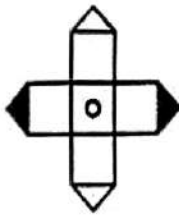


D)

38. Which among the following is generally considered as a warm color?
 A) Red B) Blue C) Green D) Purple
39. How many different characters appear in the table given below?

π	ϕ	ρ	φ	π	θ
λ	ω	θ	ω	ρ	φ
θ	θ	ω	π	θ	λ
ρ	π	π	ϕ	λ	π
φ	ρ	θ	π	φ	ω
π	ω	ρ	λ	θ	ϕ

- A) 8 B) 6 C) 9 D) 10
40. Choose the box that is similar to the box formed from the given sheet of paper (X).



(X)



A)



B)



C)



D)

41. The average of seven consecutive odd numbers is 63. What is the difference between the highest and lowest numbers?
 A) 14 B) 10 C) 12 D) 8
42. Five years ago, the father's age was three times the age of his son. The total of the ages of the father and the son after five years will be 72 years. What is the son's age at present?
 A) 18 B) 13 C) 16 D) 12
43. Find out the wrong number in the series:
 5, 15, 30, 135, 405, 1215, 3645
 A) 1215 B) 30 C) 3645 D) 135

44. The ratio of three numbers is 5 : 4 : 3 and the sum of their squares is 1250. The sum of the numbers is:
 A) 50 B) 90 C) 60 D) 30
45. x and y can together finish a work in 30 days. They worked together for 20 days and then y left. After another 20 days, x finished the remaining work. In how many days x alone can finish the work?
 A) 50 B) 54 C) 40 D) 60
46. A man performs $\frac{3}{5}$ of the total journey by rail, $\frac{7}{20}$ by bus and the remaining 6.5 km on foot. His total journey is:
 A) 130 km B) 120 km C) 65 km D) 100 km
47. A truck covers a distance of 550 meters in 1 minute where as a bus covers a distance of 33 kms in 45 minutes. The ratio of their speed is:
 A) 3 : 5 B) 50 : 3 C) 4 : 3 D) 3 : 4
48. The rate at which a sum becomes 3 times of itself in 10 years at simple interest, will be:
 A) 20 % B) 15 % C) 12.5 % D) 25 %
49. A sum was put at simple interest at a certain rate for 2 years. Had it been put at 3% higher rate, it would have fetched Rs. 720 more. The sum is:
 A) Rs. 15000 B) Rs. 12000 C) Rs. 18000 D) Rs. 16000
50. Insert the missing number:
 5, 10, 13, 26, 29, 58, 61, ____ .
 A) 125 B) 128 C) 122 D) 64
51. 'P' is five times as large as 'Q'. The percent that Q is less than P, is:
 A) 20 B) 90 C) 75 D) 80
52. A motorist travels to a place 150 km away at an average speed of 60 km/hr and returns at 40 km/hr. His average speed for the whole journey in km/hr. is:
 A) 50 B) 48 C) 45 D) 42
53. What is the next term in the following series?
 ABE, BCF, CDG, DEH, EFI, ____ .
 A) FGK B) FGJ C) FGC D) FJK
54. Obtain the missing term:
 300, 296, 287, 271, ____, 210
 A) 250 B) 244 C) 246 D) 231

55. Three persons are walking from a place P to another place Q. Their speeds are in the ratio 3 : 4 : 5. The time ratio to reach Q by these persons will be:
 A) 15 : 9 : 20 B) 20 : 15 : 12 C) 5 : 3 : 4 D) 4 : 3 : 5

Questions 56- 60: Read the passage and choose the most appropriate option to answer the questions/fill in the blanks:

A computational model that can rapidly design a blood-vessel network for any 3D-printed organ may take us a step closer to transplanting artificial organs without the need for a donor.

People with organ failure often require transplants, but only ten per cent of global demand is being met. To help, scientists are developing ways to 3D print organs in the lab, but they require blood vessel networks to stay alive. Creating them is hard, and the design itself is time-consuming.

56. '3D' refers to three:
 A) Designs B) Disciplines C) Dimensions D) Definitions
57. The new model does away with the organ----.
 A) builder B) grinder C) donor D) cadaver
58. Nine-tenths of those who require organ transplants are being turned -----.
 A) out B) off C) up D) down
59. The word 'lab' is an:
 A) abridgement B) abbreviation
 C) adaptation D) adoption
60. A task that is the opposite of 'time-consuming' can be done:
 A) In time B) On time
 C) In good time D) In no time

Questions 61-75. Read the questions and choose the most appropriate of the options provided to answer them/fill in the blanks.

61. The number of nouns in the sentence below:
 I love you.
 A) One B) Two
 C) Three D) None of the above options are correct
62. I spoke to him-----morning.
 A) in B) on C) this D) today

63. An expression meaning 'to be relaxed and comfortable':
 A) Fit as a fiddle B) Feeling at ease
 C) Forgetting oneself D) Fishing for compliments
64. Pick the part of the sentence below which contains an error, or pick 'D' to indicate that there is no error in it.
 That's him, there, at the window.
 A) B) C) D) (No error)
65. The Earth ----- all its friends.
 A) need B) wish C) needs D) wishes
66. Before the meeting he -----me to confirm my acceptance.
 A) belled B) rang C) spoke D) tried
67. I expect there would be ----- 50 people attending the ceremony.
 A) up to B) off to C) into D) onto
68. 'You had ----- not post that letter.'
 A) good B) better C) worse D) worst
69. '*I'm not* sure I know what you mean.' The italicized part of the sentence may be rewritten as:
 A) I am'nt B) I am not C) I are'nt D) I may'nt
70. Pick the word that is correctly spelt:
 A) Acquisition B) Accusation
 C) Acquestion D) Acausation
71. I'll make some sandwiches, -----?
 A) will I B) would I C) shall I D) should I
72. I wrote a letter to the newspaper and it-----published.
 A) came B) gained
 C) got D) No word necessary to fill in the blank
73. 'She is a teacher.' The sentence may be rewritten thus:
 A) A teacher is her. B) A teacher is being her.
 C) A teacher is being by her. D) None of the above options are correct
74. The book cost -----of rupees.
 A) one hundred B) hundreds
 C) a hundred D) many hundred

75. There was no one ----- home.
 A) in B) on C) at D) up
76. In the Indian Constitution making of cyber laws comes under:
 A) State List B) Central List
 C) Concurrent List D) Residual powers
77. A depositional land form of rivers is:
 A) Canyon B) Delta C) Waterfalls D) V-shaped valley
78. The social reformer in India who led the self respect movement:
 A) Jyotiba Phule B) Vinoba Bhave
 C) E V Ramasamy Naiker D) Veeresalingam
79. The British Prime Minister who appointed Lord Mountbatten to deliver freedom for India:
 A) Stanley Baldwin B) Winston Churchill
 C) Clement Atlee D) N. Chamberlain
80. The Travancore king who permitted the Channar women the right to wear jackets in 1859:
 A) Uthram Thirunal B) Chithira Thirunal
 C) Swathi Thirunal D) Avittom Thirunal
81. Judicial review in Indian Constitution was adopted from:
 A) United States B) France
 C) Britain D) USSR
82. The river in which Jog falls is situated:
 A) Sharavati B) Sabari C) Kaveri D) Krishna
83. Which among the following metal is stored in Kerosene?
 A) Titanium B) Osmium C) Sodium D) Zinc
84. Electron was discovered by:
 A) J J Thomson B) Rutherford
 C) James Chadwick D) Fermi
85. Author of 'Onnekalkodi Malayalikal':
 A) Sardar K M Panicker B) E M S Namboodiripad
 C) K Kelappan D) K R Narayanan
86. Name of the mission to International Space station of which Shubhanshu Shukla crew member:
 A) Axiom - 3 B) Space X
 C) Axiom - 4 D) Space De 3

87. The 2025 FIDE World Chess Champion:
 A) Ding Liren B) Gukesh Dommaraju
 C) Magnus Carlsen D) Praggnanandhaa
88. The first computer was invented by:
 A) Charles Babbage B) Tim Berners Lee
 C) Grace Hopper D) John McCarthy
89. 'Light Year' is the unit for:
 A) Time B) Speed C) Distance D) Temperature
90. Which of the following is used to protect specimens from decaying?
 A) Iodine solution B) Formaldehyde
 C) Nitric oxide D) Hydrogen peroxide
91. The Chief of Defence staff of India during 'Operation Sindoor':
 A) Sofia Qureshi B) Vikram Misri
 C) Anil Chauhan D) Upendra Dwivedi
92. Identify the member nations of 'The Shanghai Co-operation Organization (SCO)':
 1. India 2. Pakistan 3. China
 4. Kazakhstan 5. Thailand
- A) 1, 3 & 5 only B) 2, 3 & 5 only
 C) 1, 2 & 4 only D) 1, 2, 3 & 4 only
93. The famous sun temple is located in:
 A) Bihar B) Karnataka C) Odisha D) Gujarat
94. Present currency of United Kingdom:
 A) Euro B) Pound sterling
 C) Dollar D) Lira
95. Digital University of Kerala, established in 2020 is situated at:
 A) Thrissur B) Kozhikode
 C) Thiruvananthapuram D) Kollam
96. First woman to win an Olympic medal for India:
 A) P T Usha B) Karnam Malleswari
 C) Mary Kom D) Mirabai Chanu
97. Who among the following is known as the missile man of India?
 A) A P J Abdul Kalam B) Vikram Sarabhai
 C) Homi J Bhabha D) Kasthuri Rangan

98. The classical Indian dance 'Bharatanatyam' is originated in:
A) Andhra Pradesh B) Karnataka
C) Tamil Nadu D) Kerala
99. The pigment that gives plants green colour:
A) Carotene B) Xylem
C) Melanin D) Chlorophyll
100. Chemical name for 'Quick lime':
A) Calcium oxide B) Calcium carbonate
C) Calcium bicarbonate D) Calcium chloride
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