उम्मीदवार इस पुस्तिका के सबसे ऊपरी सील को खोलकर पृष्ठ संख्या 2 और 3 के मध्य स्थापित OMR उत्तर शीट को निकाल लें।
Candidates should open the top side of the seal of this Booklet and take out the OMR Answer Sheet placed at page no. 2 and 3.

पुस्तिका सं. :
Test Booklet No. :

DF-01

परीक्षा प्रश्न-पुस्तिका
EXAMINATION QUESTION BOOKLET

परीक्षा पुस्तिका शृंखला :
Test Booklet Series : **A**

निर्धारित समय : 120 मिनट
Time Allowed : 120 Minutes

अधिकतम अंक : 100
Maximum Marks : 100

रोल नं.
Roll No. :

उत्तर शीट सं.:
Answer Sheet No. :

प्रश्नों के उत्तर देने से पहले निम्नलिखित अनुदेशों को ध्यान से पढ़ लें।/ **Read the following instructions carefully before you begin to answer the questions.**

उम्मीदवारों के लिए अनुदेश	Instructions to the Candidates
1. प्रश्नों के उत्तर लिखना आरंभ करने से पहले आप इस पुस्तिका की जाँच करके सुनिश्चित कर लें कि इसमें पूरे पृष्ठ (1-12) हैं तथा कोई पृष्ठ या उसका भाग कम या दुबारा तो नहीं आ गया है। उम्मीदवारों को यह भी जाँच करनी है कि उनको केवल उस पोस्ट की ही सही परीक्षा-पुस्तिका मिली है जिसके लिए उन्होंने आवेदन किया है। यदि आप इस पुस्तिका में कोई त्रुटि पाएं, तो *तत्काल* इसके बदले दूसरी पुस्तिका ले लें।	1. Before you start to answer the questions you must check this booklet and ensure that it contains all the pages (1-12) and see that no page or portion thereof is missing or repeated. Candidates are also required to check that they have got the right question booklet strictly for the post candidate has applied for. If you find any defect in this Booklet, you must get it replaced *immediately*.
2. ओएमआर उत्तर-शीट प्रश्न पुस्तिका में ही उपलब्ध रहेगी। कृपया सुनिश्चित करें कि ओएमआर शीट संख्या और परीक्षण पुस्तिका संख्या समान हैं। ओएमआर शीट पर जानकारी भरने से पहले ओएमआर शीट पर छपे निर्देशों को ध्यान से पढ़ें। आपको ओएमआर उत्तर-पत्रक पर सभी विवरणों को सही ढंग से पूरा और कोड करना होगा, ऐसा न करने पर आपकी उत्तर पुस्तिका का मूल्यांकन नहीं किया जा सकता है। प्रश्नों का उत्तर देना शुरू करने से पहले आपको ओएमआर उत्तर-पत्रक पर दिये गए निर्धारित स्थान पर अपने हस्ताक्षर करने होंगे। इन निर्देशों का पूर्ण रूप से पालन किया जाना चाहिए, ऐसा न करने पर आपकी ओएमआर उत्तर-पुस्तिका का मूल्यांकन नहीं किया जा सकता है।	2. **OMR Answer-Sheet is within the Question Booklet. Please ensure OMR Answer-Sheet number and Test Booklet No. of Question Paper are same. Read the instructions printed on OMR Answer-Sheet carefully before filling the information on the OMR Answer-Sheet. You must complete and code all the details on the OMR answer sheet correctly failing which your answer sheet may not be evaluated. You must also put your signature on the OMR Answer-Sheet at the prescribed place before you actually start answering the questions. These instructions must be fully complied with, failing which, your OMR Answer-Sheet may not be evaluated.**
3. ओएमआर उत्तर-शीट तीन प्रतियों में होगी (मूल तथा कार्बन की दो प्रतिलिपियाँ)। परीक्षा समाप्ति के बाद ओ.एम.आर. की मूल शीट तथा एक कार्बन प्रतिलिपि निरीक्षक को सौंपने के पश्चात् उम्मीदवार अपने साथ एक कार्बन प्रतिलिपि ले जा सकते/सकती हैं। यदि कोई भी उम्मीदवार ऐसा करने में असफल रहता/रहती है तो उसकी उम्मीदवारी रद्द कर दी जायेगी। यदि कोई उम्मीदवार अपनी कार्बन प्रतिलिपि में किसी भी प्रकार का फेर-बदल कर उसका दावा करता/करती है तो इस स्थिति में भी उसका/उसकी उम्मीदवारी रद्द की जायेगी।	3. The OMR Answer-Sheet will be in triplicate (Original and two carbon copies). Candidate has to take one carbon copy (marked as 'candidate copy') with him/her after examination and handover the original OMR along with one carbon copy to invigilator. If candidate fails to handover the original OMR along with one carbon copy to invigilator, his /her candidature will be cancelled. Further, if the candidate tampers with candidate OMR carbon copy and claims for same, in that case also his/her candidature will be cancelled.
4. इस प्रश्न-पुस्तिका में **100** बहुविकल्पीय प्रश्न हैं। प्रत्येक प्रश्न के 4 विकल्प दिए गए हैं, (A), (B), (C) और (D)। किसी भी स्थिति में प्रत्येक प्रश्न का केवल एक विकल्प ही सही उत्तर है। यदि आपको एक से अधिक विकल्प सही लगें तो सबसे अधिक उचित एक विकल्प का चुनाव करें और उत्तर शीट में सम्बंधित प्रश्न के सामने वाले उपयुक्त गोले को काला करें।	4. This booklet consists of **100** Multiple Choice Questions. Each question has 4 (four) alternatives (A), (B), (C) and (D). In any case only one alternative will be the correct answer. In case if you find more than one correct answer, then choose the most appropriate single option and darken the appropriate circle in the answer sheet in front of the related question.
5. प्रत्येक **सही** उत्तर के लिए एक अंक दिया जाएगा और प्रत्येक गलत उत्तर के लिए **0.25 अंक काट लिए जाएंगे।**	5. For each correct answer One mark will be given and for each incorrect answer **0.25 marks will be deducted.**
6. गोले को काला करने के लिए केवल काले/नीले बॉल प्वाइंट पेन का प्रयोग करें। गोले को एक बार काला करने के बाद इसको मिटाने या बदलने की अनुमति नहीं है। यदि किसी प्रश्न के सामने एक से ज्यादा गोले काले किये गए हों तो मशीन द्वारा उसके लिए **शून्य अंक** दिया जाएगा।	6. Use Black/Blue ball point Pen to darken the circle. Answer once darkened is not allowed to be erased or altered. Against any question if more than one circle is darkened, machine will allot **zero mark** for that question.
7. किसी भी स्थिति में उत्तर शीट को न मोड़ें।	7. Do not fold answer sheet in any case.
8. उत्तर-पुस्तिका पर कोई भी रफ कार्य नहीं करना है। रफ कार्य के लिए इस पुस्तिका में स्थान दिया गया है।	8. No rough work is to be done on the Answer-Sheet. Space for rough work has been provided in this booklet.
9. परीक्षा हॉल/कमरों में मोबाइल फ़ोन तथा बेतार संचार साधन पूरी तरह निषिद्ध हैं। उम्मीदवारों को उनके अपने हित में सलाह दी जाती है कि मोबाइल फ़ोन/किसी अन्य बेतार संचार साधन को स्विच ऑफ करके भी अपने पास न रखें। इस प्रावधान का अनुपालन न करने को परीक्षा में अनुचित उपायों का प्रयोग माना जायेगा और उनके विरुद्ध कार्यवाही की जाएगी, जिसमें उनकी उम्मीदवारी रद्द करना भी शामिल है।	9. Mobile phones and wireless communication devices are completely banned in the examination hall/rooms. Candidates are advised not to keep mobile phones/any other wireless communication devices with them even switching it off, in their own interest. Failing to comply with this provision will be considered as using unfair means in the examination and action will be taken against them including cancellation of their candidature.
10. अभ्यर्थी अपनी उत्तर पुस्तिका पर्यवेक्षक को सौंपे बिना और अपने रोल नंबर के सामने उचित स्थान पर उपस्थिति पत्रक पर हस्ताक्षर किए बिना परीक्षा हॉल/कक्ष से बाहर नहीं जा सकता। इसके अलावा अभ्यर्थी को उपस्थिति पत्रक पर हस्ताक्षर करने से पहले यह भी सुनिश्चित करना चाहिए कि बुकलेट नंबर, बुकलेट सीरीज और ओएमआर उत्तर पुस्तिका संख्या सही ढंग से लिखी गई हो। ऐसा ना करने पर, ओएमआर उत्तर पुस्तिका को अमान्य माना जाएगा/मूल्यांकन नहीं किया जा सकता है।	10. **Candidate should not leave the examination hall / room without handing over his/her Answer-Sheet to the invigilator and without signing on the attendance sheet at proper place against your roll number, further candidate should also ensure that booklet no., booklet series and OMR Answer-Sheet No. are correctly written on attendance sheet before signing on it, failing in doing so, may lead to disqualification / no evaluation of OMR Answer-Sheet.**

जब तक आपसे कहा न जाए तब तक प्रश्न-पुस्तिका न खोलें / **DO NOT OPEN THE QUESTION BOOKLET UNTIL YOU ARE TOLD TO DO SO.**

उम्मीदवार का नाम/**Name of Candidate :** _____   उम्मीदवार के हस्ताक्षर/**Signature of Candidate :** _____

PART - A

1. If a circular plate is inclined to VP and perpendicular to HP, its _____ view will be an ellipse.

(A) Top

(B) Front

(C) Both (A) and (B)

(D) None of them

2. Electrical device which can push or rotate an object with great precision is :

(A) Motor

(B) Hydraulic motor

(C) Servo motor

(D) None of above

3. Coefficient of friction is :

(A) Normal reaction

(B) Pulling force

(C) Weight /Pulling force

(D) None of the option is correct

4. The two ways of drawing orthographic projection are :

(A) First angle, second angle

(B) First angle, third angle

(C) Second angle, third angle

(D) Second angle, fourth angle

5. What command allows us to select objects based on some status ?

(A) Properties   (B) Qselect

(C) Pselect   (D) Attributes

6. Which among the following is not a temporary fastener ?

(A) Rivet   (B) Washer

(C) Splines   (D) Stud

7. Material of frictional bearing is :

(A) Bronze   (B) White metal

(C) Babbitt metal   (D) All the above

8. What is the usefulness of viewports ?

(A) Allows us to see the screen or on paper different views of the same project

(B) Give us the ability to see projects have become a newer version of AutoCAD

(C) We can make a change in one part of the plan without affecting the rest

(D) None of these

9. In a double start thread, Pitch = _____ X Lead.

(A) $\frac{1}{2}$ (B) 1

(C) 2   (D) None of these

10. In a simple journal bearing, the pressure acts _____ to the axis of the shaft.

(A) parallel   (B) perpendicular

(C) at 45 degrees   (D) any angle

11. Which command is used to convert separate entities into a polyline ?

(A) Union   (B) Subtract

(C) Join   (D) Polyline

12. A Boolean operation that is used to select interfering region between solids :

(A) Union

(B) Intersect

(C) Subtract

(D) None of the above

13. In first angle projection, right side view is drawn to the _____ side of the front view.

(A) left   (B) right

(C) above   (D) below

14. Which pencil grade among the following is darkest ?

(A) H   (B) F

(C) 3B   (D) 5H

15. Following line is used for visible outlines :

(A) Continuous thick

(B) Continuous thin

(C) Chain thin line

(D) Short zigzag thin

16. In AutoCAD, scaling function is used for making an object :

(A) Smaller

(B) Bigger

(C) Either smaller or bigger

(D) None of these

17. The advised position of placement of the dimensions is _____.

(A) Inside the view

(B) Outside the view

(C) On the boundaries of the view

(D) Passing through the view

18. General Material used for making typical measuring tool is :

(A) Cast Iron   (B) Wrought Iron

(C) Stainless Steel   (D) None of these

19. Mini drafter serves the purpose of everything except _____.

(A) Scales   (B) Set square

(C) Protractor   (D) Compass

20. Default unit of dimension is :

(A) millimetre

(B) centimetre

(C) inches

(D) unit MUST always be specified

21. Washer is a ring type piece of metal placed below _____.

(A) stud   (B) bolt

(C) nut   (D) all of them

22. Total amount that the feature on the actual part is allowed to vary from what is specified by the dimension is _____.

(A) Allowance   (B) Tolerance

(C) Specification   (D) Difference

23. The function of a polar array is to create an object in :

(A) A grid pattern

(B) A circular pattern

(C) A straight line

(D) All of these

24. Sin 30 is equal to :

(A) Cos 30   (B) Tan 30

(C) Cos 60   (D) Tan 60

25. Which command is used to bring a particular area of the workspace in focus ?

(A) Zoom Extents   (B) Zoom Window

(C) Zoom Dynamic   (D) Zoom All

26. Center line can be used as a _____.

(A) Dimension line   (B) Leader line

(C) Extension line   (D) All of the above

27. The size of screw drivers is given by :

(A) Width of blade

(B) Blade shape

(C) Sank diameter

(D) Length from sank to blade

28. Honing allowance is :

(A) 1.01 to 0.02 mm   (B) 2.01 to 1.02 mm

(C) 1.01 to 0.02 cm   (D) Both (B) and (C)

29. Gib head key is used where :

(A) size is small

(B) size is large

(C) frequent removal is required

(D) frequent removal is not required

30. Bi-lateral tolerance is represented by :

(A) Plus

(B) Minus

(C) Both (A) & (B)

(D) Incomplete information

31. If the axis of a prism is perpendicular to HP, _____ view will show the true shape of its base.

(A) Top   (B) Front

(C) Top and Side   (D) Front and Side

32. Which factor of hatch command is changed to correct the spacing between hatch lines or pattern ?

(A) Pattern   (B) Angle

(C) Scale   (D) Layer

33. 2/3 + 3/4 is equal to :

(A) 11/7   (B) 6/12

(C) 11/12   (D) 17/12

34. The main ingredients of pencil leads are _____.

(A) Graphite and Clay

(B) Lead and Graphite

(C) Clay and Lead

(D) None of these

35. Most commonly used shape of Nut is _____.

(A) Hexagonal Pyramid

(B) Hexagonal Prism

(C) Cylinder

(D) Square prism

36. When a circle rolls inside another circle, the curve traced by a point on its circumference will be _____.

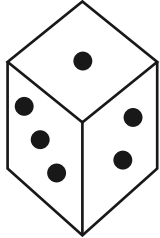(A) Cycloid   (B) Epicycloid

(C) Hypocycloid   (D) Involute

37. _____ cone has two plane surfaces parallel to each other.

(A) Truncated   (B) Right

(C) Frustum of   (D) Oblique

38. In a bearing, grub screw is used for _____.

(A) reducing cost

(B) supporting the bearing

(C) reducing size and weight

(D) prevent rotation

39. A point 'P' is below Horizontal Plane (HP) and behind Vertical Plane (VP). The point is in :

(A) First quadrant

(B) Second quadrant

(C) Third quadrant

(D) Fourth quadrant

40. A cone is cut by a plane which is parallel to one of its generators. The true shape of section will be :

(A) Parabola   (B) Hyperbola

(C) Ellipse   (D) Circle

41. Representative Fraction (RF) is defined as :

(A) Length of an object in the drawing / Actual length of the object

(B) Length of an object in the drawing / Isometric length of the object

(C) Actual length of the object / Length of an object in the drawing

(D) Isometric length of the object / Length of an object in the drawing

42. The section view drawing in which one fourth of an object has been removed is known as a _____ section.

(A) Full

(B) Half

(C) Quarter

(D) None of the above

43. Maximum number of layers that a drawing can have :

(A) 1

(B) 2

(C) As many as depending on the complexity

(D) None of these

44. Which of the following AutoCAD commands does not have a thickness property ?

(A) TEXT   (B) MTEXT

(C) LINE   (D) CIRCLE

45. Cotter joint is designed to withstand _____.

(A) tensile loads

(B) compressive loads

(C) both tensile and compressive loads

(D) bending loads

46. LCM of 6, 8 and 18 is :

(A) 18   (B) 36

(C) 72   (D) None of these

47. In orthographic projection, the projection lines are _____ to the plane of projection.

(A) Parallel

(B) Perpendicular

(C) Inclined

(D) None of the above

48. When a line is parallel to both Horizontal Plane (HP) and Vertical Plane (VP), which of the following will give its true length ?

(A) Front view

(B) Side view

(C) Both Front and Side views

(D) None of them

49. Fire Extinguishers used in Electrical fire is :

(A) Soda Acid   (B) Foam type

(C) CTC type   (D) None of above

50. Factor of safety is defined as :

(A) Working stress/Ultimate strength

(B) Ultimate strength/Working stress

(C) Both (A) and (B)

(D) None of above

51. Jenny calipers is used for _____.

(A) Marking   (B) Checking

(C) Cutting   (D) Measuring

52. The relation between mass, density and volume is :

(A) Density = mass X volume

(B) Mass = density X volume

(C) Volume = density X mass

(D) None of these

53. Heat treatment process used to decrease the hardness in steel is :

(A) Annealing   (B) Tempering

(C) Nitriding   (D) All the above

54. 'A' series of paper has length to width ratio of _____.

(A) 3 : 2   (B) $\sqrt{3} : \sqrt{2}$

(C) $\sqrt{2} : 1$ (D) 1 : 1

55. What is the main function of a bearing ?

(A) Allows smooth rotation

(B) Transmits power

(C) Supports shaft

(D) None of these

56. Shortcut for zoom command is :

(A) Z Command

(B) Rotate mouse wheel

(C) Zoom Command

(D) All of these

57. A line of 1 meter is shown by 1 cm on a drawing. Its Representative Fraction (RF) is :

(A) 1   (B) 100 : 1

(C) 1 : 100   (D) 1/50

58. Dimension lines should be drawn at least _____ mm away from the outline of the object.
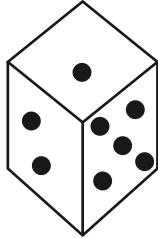
(A) 2   (B) 4

(C) 7   (D) 10

59. Splines are _____ to manufacture than keys.

(A) easier and cheaper

(B) easier but expensive

(C) difficult but cheaper

(D) difficult and expensive

60. If a plane is parallel to VP and perpendicular to HP, its top view will give its _____.

(A) True shape   (B) HT

(C) VT   (D) Both (B) and (C)

61. Material Hardness is measured by :

(A) Brinell Test

(B) Rockwell Test

(C) Vicker's Diamond Test

(D) All the above

62. HCF of 6, 8 and 18 is :

(A) 2   (B) 3

(C) 4   (D) None of these

63. Sleeve and cotter joints are used to :

(A) Increase strength

(B) Increase diameter

(C) Increase length

(D) None of these

64. In AutoCAD, polar coordinates are used for creating :

(A) Arcs   (B) Ellipse

(C) Angular lines   (D) None of these

65. Which command is used for breaking a Polyline into individual lines and arcs ?

(A) Break   (B) Trim

(C) Explode   (D) Overkill

66. What is NOT sectioned ?

(A) Cast iron   (B) Bolts and nuts

(C) Wood   (D) Steel

67. PAN command can be accessed by :

(A) Right click and select PAN from contextual menu

(B) PAN command

(C) Press and hold middle mouse button

(D) All of these

68. If front view of a point is nearer to XY line than top view, then the point is nearer to :

(A) Horizontal Plane

(B) Vertical Plane

(C) Profile Plane

(D) Not known

69. In AutoCAD 2D Modelling, which axis is not accessible for drafting ?

(A) X   (B) Y

(C) Z   (D) WCS

70. The file extension that cannot be accessed by AutoCAD :

(A) dwg   (B) dxf

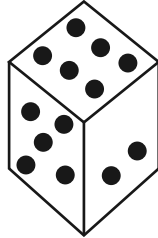(C) doc   (D) dws

PART - B

71. Below there are three different positions of a dice. Find the number of dots on the face opposite to the face with one dot.

(i)   (ii)   (iii)

(A) Two dots   (B) Three dots

(C) Four dots   (D) Six dots

72. 3 girls or 5 boys can finish a work in 12 days. Then 6 girls and 5 boys will finish the work in :

(A) 9 days   (B) 3 days

(C) 6 days   (D) 4 days

73. Choose the correct **synonym** for the underlined word in the given sentence :

During the diplomatic negotiations, the ambassador couldn't help but display his superalilious demeanour, subtly implying that he held a position of unassailable power and authority.

(A) Confident   (B) Decisive

(C) Patronizing   (D) Calm

74. Which of the following is a member of G20 ?

(A) Algeria   (B) Sri Lanka

(C) Türkiye   (D) Cuba

75. To complete a work Sonu takes 40% more time than Monu. Together they take 14 days, then to complete the work Monu will take _____.

(A) 24 days   (B) 20 days

(C) 22 days   (D) None of these

76. Here are some words translated from an artificial language.

lelibroon means yellow hat
plekafroti means flower garden
frotimix means garden salad

Which word could mean "yellow flower" ?

(A) lelifroti   (B) lelipleka

(C) plekabroon   (D) frotibroon

77. How many interlaced rings are there in the Olympic symbol and what are the correct colours from left to right ?

(A) Four rings - red, green, black, yellow

(B) Five rings - blue, yellow, black, green, red

(C) Five rings - red, black, yellow, green, blue

(D) Four rings – yellow, green, red, black

78. A river is 3 meter deep and 15 meter wide. Water is flowing at a rate of 1.5 km per hour. The volume of the water that flows per minute is _____.

(A) 1125 meter^3 (B) 1225 meter^3

(C) 1025 meter^3 (D) 1115 meter^3

79. To complete a work Arun takes 20% more time than Bivek. Together they take 18 days, then to complete the work Bivek will take :

(A) 33   (B) 32

(C) 30   (D) None of these

80. The city of Paris is situated on which river ?

(A) Thames   (B) Seine

(C) Danube   (D) Volga

81. In the given below question, a series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.

361, __?__, 169, 121, 49, 25.

(A) 289   (B) 256

(C) 196   (D) 324

82. Choose the correct spelling.

(A) Acquiesse   (B) Acquiesce

(C) Acquiese   (D) Acquiece

83. Ustad Vilayat Khan, the renowned musician born in 1928 and passed away in 2004, was a master of which musical instrument ?

(A) Tabla   (B) Sitar

(C) Flute   (D) Sarod

84. Re-write the sentence in indirect speech.

The detectives asked, "Who are you, and what do you want ?"

(A) The detectives asked who they were and what they wanted.

(B) The detectives were asked who they were and what they wanted.

(C) The detectives questioned who the individual was and what did he want.

(D) The detectives inquired who they were and what do they want.

85. Re-write the sentence in passive voice.

The parrots were making noise in the cage.

(A) Noise is being made in the cage by the parrots.

(B) Noise had been made in the cage by the parrots.

(C) Noise were being made in the cage by the parrots.

(D) Noise was being made in the cage by the parrots.

86. Two positive integers a and b can be written as $a = p^3q^4$ and $b = p^5q^3$, where p and q are prime numbers. Then Highest common factor and least common multiple of a and b are :

(A) p^3q^3, p^2q^3 (B) p^3q^3, p^5q^4

(C) p^4q^4, p^4q^3 (D) p^5q^3, p^2q^8

87. In this question, there are three statements followed by three conclusions I, II and III. You have to consider that the three statements to be true even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follow from the given statements.

Statements :

(a) Mary said, "Ann and I both have cats."

(b) Ann said, "I don't have a cat."

(c) Mary always tells the truth, but Ann sometimes lies.

Conclusions :

I. Ann has a cat.

II. Mary has a cat.

III. Ann is lying.

(A) Only conclusion II follows.

(B) Both conclusion I and conclusion II follow

(C) Conclusion I, conclusion II and conclusion III follow

(D) Only conclusion I follows.

88. If you intend to visit the island Kavaratti during your summer vacations, which one of the following Union Territory of India you will be going to ?

(A) Pondicherry

(B) Lakshadweep

(C) Andaman and Nicobar

(D) Dadra and Nagar Haveli and Daman and Diu

89. The value of Car depreciates at a rate of 5% per annum. It was purchased 3 years ago for Rs. 6,00,000. What is the present value of the car ?

(A) 5,14,625   (B) 5,14,425

(C) 5,14,725   (D) None of these

90. 'Iraq' is related to 'Dinar' in the same way as 'Myanmar' is related to '_____'.

(A) Yen   (B) Lira

(C) Kyat   (D) Rand

91. Which launch vehicle was used to launch Chandrayaan – 3 ?

(A) GSLV MK-III M1

(B) LVM3 M4

(C) SLV

(D) PSLV

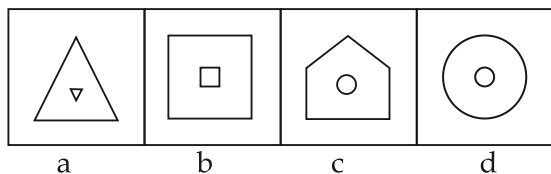92. Rearrange the following jumbled words to form a coherent sentence :

wind / the / whispers / through / ancient / ruins / softly / the

(A) The ancient ruins softly whispers through the wind.

(B) The wind whispers softly through the ancient ruins.

(C) The wind through softly ancient ruins the whispers.

(D) Whispers the wind through softly the ancient ruins.

93. Identify the meaning of the underlined idiomatic phrase used in the given sentence :

In a moment of exhilaration, she decided to <u>throw caution to the wind</u> and go on a spontaneous adventure.

(A) Be cautious and calculated in decision-making

(B) Take risks without considering the consequences

(C) Be overly cautious in risky situations

(D) To take risks while considering the consequences

94. In this problem, out of the four figures marked a, b, c and d, three are similar in a certain manner. However, one figure is not like the others. Choose the figure which is different from the rest.

(A) Figure a   (B) Figure b

(C) Figure c   (D) Figure d

95. A full length of the image of a distant tall building can be seen using _____.

(A) a convex mirror

(B) a plane mirror

(C) a concave mirror

(D) none of the options

96. Choose the correct **antonym** for the underlined word in the given sentence :

The detective's <u>perspicacious</u> analysis of the crime scene led to the swift apprehension of the suspect.

(A) Astute   (B) Insightful

(C) Oblivious   (D) Obtuse

97. Who was the Chief Guest on India's 74th Republic Day Celebrations in January 2023 ?

(A) President of Egypt

(B) President of Algeria

(C) President of Angola

(D) President of Chad

98. If 'A + B' means 'A is father of B', 'A − B' means 'A is mother of B', 'A*B' means 'A is brother of B', 'A%B' means 'A is sister of B', then how is Q related to S in 'P + Q*R − S' ?

(A) Husband   (B) Uncle

(C) Brother   (D) Father

99. The largest four-digit number which when divided by 4, 7 and 13 leaves a remainder of 2 in each case is :

(A) 7830   (B) 8830

(C) 9830   (D) None of these

100. $\dfrac{(0.449)^2 - (0.001)^2}{0.15} =$

(A) 1.344   (B) 1.343

(C) 1.345   (D) 1.346

- o O o -

SPACE FOR ROUGH WORK