



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. :

LB-01

परीक्षा प्रश्न-पुस्तिका

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

निर्धारित समय : 120 मिनट
Time Allowed : 120 Minutes

EXAMINATION QUESTION BOOKLET

अधिकतम अंक : 100
Maximum Marks : 100

रोल नं. :

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
<p>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 पाएँ, तो तत्काल इसके बदले दूसरी पुस्तिका ले लें।</p> <p>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।</p> <p>3. ओएमआर उत्तर-शीट तीन प्रतियों में होगी (मूल तथा कार्बन की दो प्रतिलिपियाँ)। परीक्षा समाप्त के बाद ओ.एम्.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।</p> <p>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।</p> <p>5. प्रत्येक सही उत्तर के लिए एक अंक दिया जाएगा और प्रत्येक गलत उत्तर के लिए 0.25 अंक काट लिए जाएंगे।</p> <p>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।</p> <p>7. किसी भी स्थिति में उत्तर शीट को न मोड़ें।</p> <p>8. उत्तर-पुस्तिका पर कोई भी रफ कार्य नहीं करना है। रफ कार्य के लिए इस पुस्तिका में स्थान दिया गया है।</p> <p>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 ऑफ़ 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।</p> <p>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।</p>	<p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>5. For each correct answer One mark will be given and for each incorrect answer 0.25 marks will be deducted.</p> <p>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.</p> <p>7. Do not fold answer sheet in any case.</p> <p>8. No rough work is to be done on the Answer-Sheet. Space for rough work has been provided in this booklet.</p> <p>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.</p> <p>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.</p>

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. Alcohol can be distinguished by _____.
(A) NH_2 group (B) OH group
(C) O group (D) CO group
2. The aromatic nature in organic compounds gives _____.
(A) Colour
(B) Polarity
(C) Stability
(D) None of the above
3. The site where photosynthesis takes place in a leaf's cells is :
(A) Mitochondria (B) Chloroplast
(C) Protoplasm (D) Cytoplasm
4. The force exerted by the earth to pull the object towards itself is called _____.
(A) Electrostatic force
(B) Gravitational force
(C) Muscular force
(D) Contact force
5. A high melting point compound is created when an element combines with oxygen. Additionally, this substance dissolves in water. The element is likely to be :
(A) Carbon (B) Calcium
(C) Iron (D) Silicon
6. In an ecosystem, the trophic level indicates _____.
(A) Energy level (B) Water level
(C) Oxygen level (D) Salt level
7. Which of the following is a component of bio-gas ?
(A) Methane
(B) LPG
(C) CNG
(D) Hydrogen sulphide
8. Two equal pieces are cut from a wire of length l that is composed of material resistivity ρ .
The resistivity of the two parts is equal to _____.
(A) ρ (B) $\rho/2$
(C) 2ρ (D) 4ρ
9. When light hits a polished, smooth surface, the majority of it :
(A) is reflected in the same direction
(B) is refracted into the second medium
(C) is scattered
(D) is reflected in different directions
10. Magnifying power of a concave lens is _____.
(A) always > 1
(B) always < 1
(C) always $= 1$
(D) can have any value
11. When a $4\ \Omega$ resistor is connected across the terminals of a 4 V battery, the number of coulombs passing through the resistor per second is _____.
(A) 0.5 (B) 1
(C) 2 (D) 4

12. Which of the following describes the transformation of kinetic energy into electrical energy ?
 (A) Hydro energy (B) Wind energy
 (C) Tidal energy (D) All of these
13. Amines can be identified by _____.
 (A) NH_2 group (B) OH group
 (C) O group (D) CO group
14. The process that turns metal ions into free metal is _____.
 (A) Roasting (B) Smelting
 (C) Solubility (D) Metallurgy
15. NaOH is used in _____.
 (A) Pickling
 (B) Manufacturing of soap
 (C) Manufacturing of plaster
 (D) Manufacturing of antacid
16. By maintaining a constant potential difference, the circuit's resistance is cut in half. The current will become _____.
 (A) One - fourth (B) Four times
 (C) Half (D) Double
17. _____ is the device used to convert electrical energy into mechanical energy.
 (A) Galvanometer (B) Ammeter
 (C) Electric motor (D) Potentiometer
18. In electrolytic refining, impure metal is used as _____.
 (A) Anode
 (B) Cathode
 (C) Electrolyte
 (D) Both anode and cathode
19. Convex lens focus a real, point sized image at focus, the object is placed _____.
 (A) at focus
 (B) at infinity
 (C) between F and 2F
 (D) at 2F
20. The way wild cabbage has evolved is an example of _____.
 (A) Natural selection
 (B) Artificial selection
 (C) Genetic drift
 (D) Mutation
21. When white light enters a glass prism from air, the angle of deviation is least for _____.
 (A) Violet light (B) Blue light
 (C) Yellow light (D) Red light
22. The Sun seems white at noon as _____.
 (A) Light is least scattered
 (B) Red colour is scattered the most
 (C) Blue colour is scattered the most
 (D) All the colours of the white light are scattered away

23. An instrument used to measure the unknown voltage by comparing it with the known voltage is _____.
- (A) Voltmeter (B) Galvanometer
(C) Ammeter (D) Potentiometer
24. The use of HCl is in :
- (A) Steel Pickling
(B) Manufacturing of soap
(C) Manufacturing of plaster
(D) Manufacturing of antacid
25. The bond found in organic molecules most frequently is _____.
- (A) Metallic bond
(B) Ionic bond
(C) Covalent bond
(D) Co-ordinate bond
26. A temperature at which the substance burns is called _____.
- (A) Melting
(B) Boiling temperature
(C) Kindling temperature
(D) Evaporation
27. The method used to extract a metal from its ore is called _____.
- (A) Roasting (B) Smelting
(C) Metallurgy (D) Solubility
28. What type of acid is found in tomatoes ?
- (A) HCl (B) Lactic Acid
(C) Oxalic Acid (D) Tartaric Acid
29. A spring balance is used for measuring _____.
- (A) Mass (B) Weight
(C) Pressure (D) Speed
30. Which of the following is not biodegradable ?
- (A) Nylon (B) Wool
(C) Tea leaves (D) Animal bones
31. A person cannot see distinctly objects kept beyond 2 m. This defect can be corrected by using a lens of power _____.
- (A) +0.5 D (B) -0.2 D
(C) +0.2 D (D) -0.5 D
32. The way that plant roots react to water is known as :
- (A) Chemotropism (B) Phototropism
(C) Hydrotropism (D) Geotropism
33. Which of the following is a strong acid ?
- (A) Pure Milk with pH 6
(B) CH_3COOH with pH 5
(C) Lemon juice with pH 2.2
(D) HCl with pH 1
34. What of the following pair will result in displacement reactions ?
- (A) MgCl_2 solution and aluminum metal
(B) NaCl solution and copper metal
(C) AgNO_3 solution and copper metal
(D) FeSO_4 solution and silver metal
35. Which of the following is a synthetic fertilizer ?
- (A) Manure (B) Compost
(C) Urea (D) Minerals

36. What is the commercial unit of electrical energy ?
 (A) Joules (B) Kilojoules
 (C) Kilowatt - hour (D) Watt - hour
37. Which of the following happens when a reaction reaches dynamic equilibrium ?
 (A) Reversible reaction
 (B) Forward reaction
 (C) Irreversible reaction
 (D) Complete reaction
38. Hydrocarbons are soluble in _____.
 (A) Methanol (B) Benzene
 (C) Water (D) Ethanol
39. The heating element of an electric iron is made up of _____.
 (A) Copper (B) Nichrome
 (C) Aluminium (D) Iron
40. Gustatory receptors will detect _____.
 (A) Smell (B) Taste
 (C) Touch (D) None of these
41. The pH range where freshwater plants and animals may survive best is :
 (A) 2.0 - 3.5 (B) 6.5 - 7.5
 (C) 3.5 - 7.0 (D) 9.0 - 10.5
42. The resistance of a conductor is directly proportional to _____.
 (A) Its area of cross-section
 (B) Density
 (C) Melting point
 (D) Length
43. The carbon atoms in alkanes are joined by _____.
 (A) Single bond
 (B) Double bond
 (C) Triple bond
 (D) Vander Waals bond
44. Fuse wire should not be made of copper because _____.
 (A) It has high resistance
 (B) It has a low melting point and very high resistance
 (C) It has a high melting point and very low resistance
 (D) Is not easily available
45. Image formed by reflection from a plane mirror is _____.
 (A) Real and inverted
 (B) Real and erect
 (C) Virtual and erect
 (D) Virtual and inverted
46. What hormone from plants encourages cell division ?
 (A) Gibberellin (B) Auxin
 (C) Abscisic acid (D) Cytokinin
47. Of the following, which one cannot be used to create a lens ?
 (A) Water (B) Clay
 (C) Glass (D) Plastic

48. Natural gas mainly consists of _____.
- (A) Ethane (B) Propane
(C) Methane (D) Butane
49. When electric current is passed, electrons move from _____.
- (A) Low potential to high potential
(B) High potential to low potential
(C) In the direction of the current
(D) Against the direction of the current
50. A battery of 7 V is connected in series with resistors of 0.2 Ω , 0.25 Ω , 0.3 Ω , 0.25 Ω and 6 Ω . How much current would flow through the 0.3 Ω resistor ?
- (A) 0.895 A (B) 2.22 A
(C) 1 A (D) 2 A
51. Which zone of a flame does a goldsmith use for melting gold and silver ?
- (A) Outer zone (B) Middle zone
(C) Inner zone (D) Lower zone
52. Which of the following is a natural fibre ?
- (A) PVC (B) Nylon
(C) Wool (D) Polythene
53. Match the correct :
- | Column I | Column II |
|-------------|-----------------------|
| (a) Amylase | (i) Liver |
| (b) Pepsin | (ii) Saliva |
| (c) Bile | (iii) Small Intestine |
| (d) Trypsin | (iv) Stomach |
- (A) (a)-(i), (b)-(iii), (c)-(ii), (d)-(iv)
(B) (a)-(i), (b)-(ii), (c)-(iii), (d)-(iv)
(C) (a)-(iv), (b)-(ii), (c)-(iii), (d)-(i)
(D) (a)-(ii), (b)-(iv), (c)-(i), (d)-(iii)
54. What is the condition of an electromagnetic induction ?
- (A) The wire coil and galvanometer need to move relative to one another
(B) The galvanometer and the magnet need to move relative to one another
(C) The galvanometer and generator need to move in relation to one another
(D) A wire coil and a magnet need to move in relation to one another
55. When all of the reactants are consumed, all products are generated, and no reactants are left behind, the reaction is referred to as _____.
- (A) Complete reaction
(B) Reversible reaction
(C) Irreversible reaction
(D) Forward reaction
56. The gases CO₂ and H₂ both are _____.
- (A) Soluble in water
(B) Acidic in nature
(C) Colourless
(D) Heavier than air
57. The SI unit of resistivity is :
- (A) Ω m (B) Ω /m
(C) Ω cm (D) Ω /cm
58. Which instrument is employed in the measurement of electric potential ?
- (A) Voltmeter (B) Galvanometer
(C) Ammeter (D) Potentiometer

59. Mass number of element X is 27 and the number of neutrons is 14. What is the number of electrons in X^{3+} ?
- (A) 10 (B) 13
(C) 14 (D) 16
60. The radius of curvature of a spherical mirror is 20 cm the focal length is _____.
- (A) 20 cm (B) 5 cm
(C) 10 cm (D) 40 cm
61. When water enters the guard cells the stomata _____.
- (A) Open or closes (B) Closes
(C) Open (D) No effect
62. If an incident ray passes through the focus, the reflected ray will :
- (A) retrace its path
(B) pass through the pole
(C) be parallel to the principal axis
(D) pass through the centre of curvature
63. Which of the following doesn't belong in the category of 3-carbon molecules ?
- (A) Ethanol (B) Lactic acid
(C) Pyruvate (D) All of the above
64. The volumetric proportions of hydrogen and oxygen in water is _____.
- (A) 2 : 1 (B) 1 : 1
(C) 1 : 2 (D) 1 : 8
65. Having the chemical formula C_2H_6 , ethane has _____.
- (A) 7 covalent bonds
(B) 6 covalent bonds
(C) 9 covalent bonds
(D) 8 covalent bonds
66. What happens when iron fillings are treated with diluted hydrochloric acid ?
- (A) Iron salt and water are produced
(B) Chlorine gas and iron hydroxide are produced
(C) No reaction takes place
(D) Iron chloride and hydrogen gas are produced
67. Water undergoes electrolytic decomposition to produce H_2 and O_2 in the proportion of _____.
- (A) 1 : 2 by volume (B) 2 : 1 by volume
(C) 8 : 1 by mass (D) 1 : 2 by mass
68. The following procedures does not involve a chemical reaction, is _____.
- (A) Banana ripening
(B) Burning of candle wax when heated
(C) Food digestion in the stomach
(D) Candle wax melting when heated
69. The burning of LPG is an example of _____.
- (A) Rapid combustion
(B) Spontaneous combustion
(C) Slow combustion
(D) Explosion
70. Fungi have a type of nourishment called _____.
- (A) Parasitic nutrition
(B) Holozoic nutrition
(C) Saprotrophic nutrition
(D) Autotrophic nutrition

PART - B

71. Mahila Samman Savings Certificate (MSSC), a new small-savings scheme for women, was launched for investments from April 1, 2023. What is the maturity period of the Mahila Samman Savings Certificate account ?
- (A) Three years (B) Five years
(C) One year (D) Two years
72. During which historical empire did the mathematician Aryabhata live and contribute to mathematical knowledge ?
- (A) Maurya Empire (B) Mughal Empire
(C) Gupta Empire (D) Chola Empire
73. P, Q, R, S, T and U are six members of a family in which there are two married couples. T, a teacher is married to a doctor who is mother of R and U. Q, the lawyer is married to P. P has one son and one grandson. Of the two married ladies in the family, one is a house wife. There is also one student and one male engineer in the family. Which of the following is true about the grand-daughter of the family ?
- (A) She is a lawyer.
(B) She is an engineer.
(C) She is a student.
(D) She is a doctor.
74. Identify the sentence in which the idiom has been used improperly.
- (A) Faced with the unknown, he decided to throw caution to the wind and pursue the risky venture.
(B) He thought he could succeed without any effort, but he ended up jumping through hoops effortlessly.
(C) The rules for the game seemed cast in stone, leaving no room for negotiation.
(D) In negotiations, it's always best to have an ace up your sleeve for unexpected twists.
75. Two pipes can fill a water tank in 12 and 16 hours, respectively and third pipe can empty the tank in 48 hours. If all three pipes operate simultaneously then time taken to fill the tank is _____.
- (A) 7 hours (B) 8 hours
(C) 6 hours (D) None of these
76. A can do $\frac{1}{3}$ of some work in 4 days and B can do $\frac{1}{4}$ of the work in 3 days. If both work together then work will be finished in _____.
- (A) 6 days (B) 3 days
(C) 4 days (D) None of these
77. Which two lines are parallel ?
- (A) $x = 1, y = 1$
(B) $x = y - 1, x = y + 1$
(C) $x = -1, y = 1$
(D) None of these

78. In the following question, You will see three words and a blank, fill the blank from the four answer choices. Choose the answer that best completes the analogy posed by the three words.
mend : sewing :: edit : _____.
- (A) darn (B) repair
(C) manuscript (D) makeshift
79. Re-write the sentence in direct speech : He asked if she had seen the missing book.
- (A) He said, "Could you see the missing book ?"
(B) He said, "Has he seen the missing book ?"
(C) He said, "Have you seen the missing book ?"
(D) He said, "Was she seeing the missing book ?"
80. In an examination, 56% of the total examinees are passed. If the number of failures is 121, the total number of examinees are _____
- (A) 275 (B) 278
(C) 276 (D) 277
81. What does PMJDY stand for ?
- (A) Pradhan Mantri Jan Dhan Yojana
(B) Pradhan Mantri Jeevan Dhan Yojana
(C) Pradhan Mantri Jan Daan Yojana
(D) Pradhan Mantri Jeevan Daan Yojana
82. Every point on a number line represents :
- (A) a natural number
(B) a rational number
(C) an irrational number
(D) a unique number
83. If 35% of the people in a locality are Christian then the central angle of the sector representing the Christian community in a pie chart would be _____.
- (A) 126° (B) 63°
(C) 125° (D) None of these
84. Which is the official currency of Sweden ?
- (A) Euro (B) Krona
(C) Ruble (D) Leu
85. Which of the following is incorrect about the Rajya Sabha ?
- (A) The Rajya Sabha consists of 12 members nominated by the Prime Minister.
(B) One-third of its members retire every second year.
(C) The Rajya Sabha is not subject to dissolution.
(D) The Vice President is the ex-officio chairman of the Rajya Sabha
86. Identify the misspelt word in the given sentence :
- Experiencing the rare occurrence of a solar eclipse is a privilege, and I'll definitely join the astronomy club to witness it.
- (A) Occurrence (B) Experience
(C) Definitely (D) Privilege

87. Identify the sentence that contains a word synonymous with **ubiquitous**.
- (A) During the drought, water became scarce in the region, leading to water conservation efforts.
- (B) In today's digital age, the influence of technology is pervasive, affecting nearly every aspect of our lives
- (C) His temporary assignment overseas allowed him to experience new cultures and perspectives.
- (D) The treasure map led them to a hidden cave deep in the forest, where they hoped to find the long-lost treasure.

88. In this question, there is a statement followed by two conclusions I, and II. You have to consider that the two 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.

Statement : Cactus plants are fleshy but need least water.

Conclusions: I. All fleshy plants are cactus.
II. Cactus plants need least water.

- (A) Neither **conclusion I** nor **conclusion II** follow
- (B) Only **conclusion II** follows
- (C) Both **conclusion I** and **II** follow
- (D) Only **conclusion I** follows
89. In the following question a series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.
- 3, 5, 9, 17, 2
- (A) 26 (B) 65
- (C) 33 (D) 42

90. Identify the sentence that includes the antonym of **frugal**.

- (A) Despite their substantial income, they lived a thrifty lifestyle, always seeking to save and invest wisely.
- (B) His parsimonious spending habits often bordered on being unreasonable, making it difficult for him to enjoy life's simple pleasures.
- (C) They made an economical choice by buying a fuel-efficient car, which saved them money on gas in the long run.
- (D) The wedding reception was a lavish affair, with an extravagant banquet and opulent decorations.

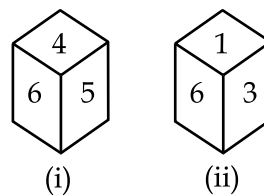
91. At what rate of interest per annum will a sum of Rs 7500 amount to Rs 8427 in 2 years compounded annually ?

- (A) 4% (B) 6%
- (C) 5% (D) None of these

92. Find the odd one out from the given alternatives :

- (A) BDFH (B) MOQS
- (C) SUWY (D) TVZE

93. Two positions of a dice are shown below. When 3 is at the top which number will be at the bottom ?



- (A) 2 (B) 5
- (C) 4 (D) 6

94. Where is the headquarters of the International Court of Justice (ICJ) located ?
- (A) New York City (United States of America)
- (B) Washington (United States of America)
- (C) Bonn (Germany)
- (D) The Hague (Netherlands)
95. A dealer lists his articles at 10% above costs and discount of 5% is given the marked price. The seller has _____.
- (A) no gain and no loss
- (B) 4.5% gain
- (C) 4.5% loss
- (D) None of these
96. Re-write the sentence in active voice :
- The ancient manuscript is believed to have been written by an unknown author.
- (A) The ancient manuscript is believed to have been written by an unknown author.
- (B) The ancient manuscript was believed to have been written by the unknown author.
- (C) The unknown author is believed to be writing the ancient manuscript.
- (D) People believe that an unknown author wrote the ancient manuscript.
97. Fill in the blanks with the most appropriate option :
- The intricate puzzle required _____ attention to detail, but solving it was _____ the effort.
- (A) cursory/beyond
- (B) meticulous/worth
- (C) shallow/against
- (D) dedicated/without
98. _____ River also known as Sorrow of China or Yellow river
- (A) Huang he
- (B) Mekong
- (C) Yarlung tsangpo
- (D) Yangtze
99. Consider the following expression :
- $$23@ + 5@ + 1@ 4@ + 4@ + 18@ = 154@$$
- Symbol @ stands for which digit ?
- (A) 2 (B) 1
- (C) 0 (D) 3
100. The Nilgiri Biosphere Reserve, an international biosphere reserve, spans across which states in South India ?
- (A) Karnataka, Andhra Pradesh, Maharashtra
- (B) Tamil Nadu, Kerala, Karnataka
- (C) Telangana, Kerala, Goa
- (D) Maharashtra, Tamil Nadu, Kerala

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SPACE FOR ROUGH WORK