

READ INSTRUCTIONS BEFORE FILLING ANY DETAILS OR ATTEMPTING TO ANSWER THE QUESTIONS.

Booklet Sr. No. \_\_\_\_\_



Question Booklet  
Set

Candidate's Name \_\_\_\_\_

Father's Name \_\_\_\_\_

Date of Birth :     
D D M M Y Y Y Y

Category Code\*  (\* As given in the Admit Card)

A

OMR Response Sheet No. \_\_\_\_\_ Roll No. \_\_\_\_\_

Candidate's Signature : \_\_\_\_\_  
(Please sign in the box)

Total Questions : 120  
Time Allowed : 150 Minutes

### INSTRUCTIONS

1. The candidate shall NOT open this booklet till the time told to do so by the Invigilation Staff. However, in the meantime, the candidate can read these instructions carefully and subsequently fill the appropriate columns given above in CAPITAL letters. The candidate may also fill the relevant boxes out of 1 to 9 of the Optical Mark Reader (OMR) response sheet, supplied separately.
2. Use only blue or black ball point pen to fill the relevant columns on this page as well as in OMR sheet. Use of Ink pen or any other pen is not allowed.
3. The candidate shall be liable for any adverse effect if the information given above is wrong or illegible or incomplete.
4. Each candidate is required to attempt 120 questions in 150 minutes, except for orthopedically/visually impaired candidates, who would be given 50 extra minutes, by marking correct responses on the OMR sheet.
5. The candidates, when allowed to open the question paper booklet, must first check the entire booklet to confirm that the booklet has complete number of pages, the pages printed correctly and there are no blank pages. In case there is any such error in the question paper booklet then the candidate should IMMEDIATELY bring this fact to the notice of the Invigilation Staff and obtain a new booklet of the same series as given earlier.
6. The serial number of the new Question booklet if issued for some reason should be entered in the relevant column of the OMR. The Invigilation Staff must make necessary corrections in their record regarding the change in the serial no. of Question booklet.
7. The question paper booklet has 20 pages.
8. The paper consists of total 300 Marks. Each question shall carry 2.5 marks. There are four options for each question and the candidate has to mark the MOST APPROPRIATE answer on the OMR response sheet.
9. There is no negative marking for wrong answers or questions not attempted by the candidate.
10. The candidate **MUST READ INSTRUCTIONS BEHIND THE OMR SHEET** before they start answering the Questions and check that two carbon copies attached to the OMR sheet are intact.

## SECTION I

**Directions (Questions No. 1 to 3) :**  
Find the missing term.

1. 0.5, 0.55, 0.65, 0.8, ?
  - (a) 0.9
  - (b) 0.82
  - (c) 1
  - (d) 0.95
  
2. 0, 2, 3, 5, 8, 10, 15, 17, 24, 26, ?
  - (a) 28
  - (b) 30
  - (c) 32
  - (d) 35
  
3. In the series 2, 6, 18, 54, ....., what will be the 8<sup>th</sup> term ?
  - (a) 4370
  - (b) 4374
  - (c) 7443
  - (d) 7434
  
4. In a certain code, MOTHER is written as ONHURF. How will ANSWER be written in that code ?
  - (a) NBXSSE
  - (b) NBWRRF
  - (c) MAVSPE
  - (d) NBWTRF
  
5. In a certain code language, HAND is written as SZMW. Then what will be the code for MILK ?
  - (a) ORNP
  - (b) PNRO
  - (c) NROP
  - (d) RNOP

6. In a certain code, the words COME AT ONCE were written as XLNVZGLMXV. In the same code, which of the following would code OK ?
  - (a) KL
  - (b) LM
  - (c) KM
  - (d) LP

**Directions (Questions No. 7 and 8) :**  
Study the following information carefully and answer the questions given below :

In a certain code language :

- (A) 'mxy das zci' means 'good little frock';
  - (B) 'jmx cos zci' means 'girl behaves good';
  - (C) 'nvg drs cos' means 'girl makes mischief';
  - (D) 'das ajp cos' means 'little girl fell'.
7. Which word in that language stands for 'frock' ?
    - (a) zci
    - (b) das
    - (c) nvg
    - (d) None of these
  
  8. Which of the given statements is superfluous and can be dispensed with while answering the above question ?
    - (a) A
    - (b) B
    - (c) C
    - (d) D



**Directions (Questions No. 9 to 11) :**

These questions are based on the following information :

In a certain code language,

- I. 'sti nro kti' stands for 'clouds pour down';
- II. 'nro bsi mit' stands for 'down he goes'; and
- III. 'bsi nro zpi' stands for 'died down he'.

In each of the following questions, a word is given. Find out which of the above statements is/are required to find the exact code of the given word.

**9.** goes

- (a) I and II
- (b) II and III
- (c) I, II and III
- (d) II only

**10.** pour

- (a) I and II
- (b) II and III
- (c) I, II and III
- (d) Data inadequate

**11.** down

- (a) I and II
- (b) I and III
- (c) II and III
- (d) Either (a) or (b)

**Directions (Questions No. 12 to 16) :**

Study the following information carefully and answer the questions given below :

All the roads of a city are either perpendicular or parallel to one another. The roads are all straight. Roads A, B, C, D and E are parallel to one another. Roads G, H, I, J, K, L and M are parallel to one another.

- (i) Road A is 1 km east of road B.
- (ii) Road B is  $\frac{1}{2}$  km west of road C.
- (iii) Road D is 1 km west of road E.
- (iv) Road G is  $\frac{1}{2}$  km south of road H.
- (v) Road I is 1 km north of road J.
- (vi) Road K is  $\frac{1}{2}$  km north of road L.
- (vii) Road M is 1 km south of road N.

**12.** Which is necessarily *true* ?

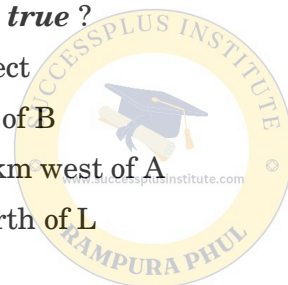
- (a) E and B intersect
- (b) D is 2 km west of B
- (c) D is at least 2 km west of A
- (d) M is 1.5 km north of L

**13.** If E is between B and C, which of the following is *false* ?

- (a) D is 2 km west of A
- (b) C is less than 1.5 km from D
- (c) Distance from E to B added to distance of E to C is  $\frac{1}{2}$  km
- (d) E is less than 1 km from A

**14.** If road E is between B and C, then the distance between A and D is

- (a)  $\frac{1}{2}$  km
- (b) 1 km
- (c) 1.5 km
- (d)  $1.5 - 2$  km



15. Which of the following possibilities would make two roads coincide ?
- L is  $\frac{1}{2}$  km north of L
  - J is  $\frac{1}{2}$  km north of K
  - D is  $\frac{1}{2}$  km east of A
  - E and B are  $\frac{1}{2}$  km apart
16. If K is parallel to I and K is  $\frac{1}{2}$  km south of J and 1 km north of G, which two roads would be  $\frac{1}{2}$  km apart ?
- I and K
  - J and G
  - J and H
  - K and J

**Directions (Questions No. 17 to 21) :**  
*Study the following information carefully and answer the questions given below it :*

A blacksmith has five iron articles A, B, C, D and E, each having a different weight.

- A weighs twice as much as B.
  - B weighs four and a half times as much as C.
  - C weighs half as much as D.
  - D weighs half as much as E.
  - E weighs less than A but more than C.
17. Which of the following is the lightest in weight ?
- A
  - B
  - C
  - D

18. E is lighter in weight than which of the other two articles ?
- A and B
  - D and C
  - A and C
  - D and B
19. E is heavier than which of the other two articles ?
- D and B
  - D and C
  - A and C
  - A and B

20. Which of the following articles is the heaviest in weight ?
- A
  - B
  - C
  - D

21. Which of the following represents the descending order of weights of the articles ?
- A, B, E, D, C
  - B, D, E, A, C
  - E, C, D, A, B
  - C, A, D, B, E



**Directions (Questions No. 22 and 23) :** In each of the following questions, find out how many such pairs of letters are there in the given word, each of which has as many letters between them in the word as in the English alphabet.

**22. PREDICTABLE**

- (a) Nil
- (b) One
- (c) Two
- (d) More than three

**23. COUNTERACT**

- (a) Nil
- (b) One
- (c) Two
- (d) Three

**24.** The positions of how many letters in the word WONDERFUL will remain unchanged when the letters within the word are arranged alphabetically ?

- (a) None
- (b) One
- (c) Two
- (d) Three

**25.** Rohan ranks seventh from the top and twenty-sixth from the bottom in a class. How many students are there in the class ?

- (a) 31
- (b) 32
- (c) 33
- (d) 34

**26.** In a row of 40 girls, when Komal was shifted to her left by 4 places her number from the left end of the row became 10. What was the number of Swati from the right end of the row if Swati was three places to the right of Komal's original position ?

- (a) 22
- (b) 23
- (c) 25
- (d) None of these

**27.** Shyam travels 7 km to the north. Then he turns to the right and walks 3 km. Then he turns to his right again and moves 7 km forward. How many kilometres away is he from the starting point ?

- (a) 10 km
- (b) 20 km
- (c) 13 km
- (d) 3 km



**Directions (Questions No. 28 and 29) :**

*Study the following information carefully and answer the questions given below :*

Shalu drives 10 km towards south from her house and turns left and drives another 25 km. She again turns left and drives 40 km straight, then turns right and drives for another 5 km to reach her bank where she works.

**28.** How far is her bank from her house ?

- (a) 33 km
- (b) 42 km
- (c) 30 km
- (d) 39 km

29. In which direction is the bank from her house ?
- (a) North
  - (b) East
  - (c) North-East
  - (d) None of these

**Directions (Questions No. 30 to 33) :**

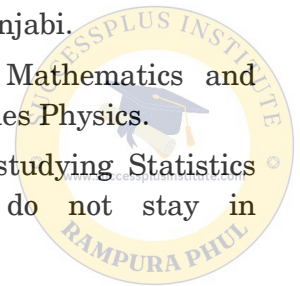
*Study the following information carefully and answer the questions given below :*

Amit is the son of Rahul. Sarika, Rahul's sister has a son Sonu and a daughter Rita. Raja is the maternal uncle of Sonu.

30. How is Amit related to Sonu ?
- (a) Nephew
  - (b) Cousin (brother)
  - (c) Uncle
  - (d) None of these
31. How is Rita related to Raja ?
- (a) Sister
  - (b) Daughter
  - (c) Niece
  - (d) None of these
32. How many nephews does Raja have ?
- (a) 1
  - (b) 2
  - (c) 3
  - (d) 0
33. What is the relationship of Raja with Rita ?
- (a) Uncle
  - (b) Brother
  - (c) Maternal uncle
  - (d) Nephew

**Directions (Questions No. 34 to 38) :**  
*Study the following information carefully and answer the questions given below :*

- (i) Parminder, Iqbal, Ramesh, Shubham, Tilak and Usha are six students procuring their Master's Degree in six different subjects – Bio-technology, History, Punjabi, Physics, Statistics and Mathematics.
  - (ii) Two of them stay in hostel-A, two stay in hostel-B and the remaining two stay at home.
  - (iii) Usha and Shubham stay in hostel-A, Tilak stays in hostel-B and Iqbal stays at home.
  - (iv) Ramesh does not stay in hostel-B and studies Punjabi.
  - (v) Tilak studies Mathematics and Shubham studies Physics.
  - (vi) The students studying Statistics and History do not stay in hostel-B.
34. Which of following pairs of students stay one each at hostel-A and at home ?
- (a) Usha and Shubham
  - (b) Shubham and Ramesh
  - (c) Iqbal and Ramesh
  - (d) None of these
35. Who studies Bio-technology ?
- (a) Shubham
  - (b) Tilak
  - (c) Usha
  - (d) None of these



36. Which of the following pairs of students stay at home ?
- (a) Parminder and Iqbal
  - (b) Iqbal and Ramesh
  - (c) Ramesh and Shubham
  - (d) None of these

37. Which of the following combinations of subject and place of stay is **not** correct ?
- (a) Physics – Hostel A
  - (b) Bio-technology – Hostel A
  - (c) Punjabi – Home
  - (d) All are correct

38. Which subject does Iqbal study ?
- (a) History
  - (b) Statistics
  - (c) History or Statistics
  - (d) None of these

**Directions (Questions No. 39 to 41) :**  
*Study the following information carefully and answer the questions given below :*

Four friends 1, 2, 3 and 4 are studying together in class 10 + 2. 1 and 2 are good in Hindi but poor in English. 1 and 3 are good in Sanskrit but poor in Maths. 3 and 4 are good in English but poor in Geography. 4 and 2 are good in Maths as well as Sanskrit.

39. Who amongst the following boys is not good in Maths but good in Hindi ?
- (a) 1
  - (b) 3
  - (c) 4
  - (d) 2

40. Which of the following pairs of boys are good in both, English and Sanskrit ?
- (a) 1 and 3
  - (b) 1 and 4
  - (c) 3 and 4
  - (d) 4 and 2

41. Which of the following statements is definitely **true** ?
- (a) 3 and 4 are good in English as well as in Hindi.
  - (b) All the four boys are good in Sanskrit.
  - (c) 1 is good in Geography, Hindi and Sanskrit.
  - (d) 3 is not good in Maths, Hindi and Geography.

**Directions (Questions No. 42 to 45) :**

*Study the following information carefully and answer the questions given below :*

If the word

**‘DISINTERESTEDNESS’**

is re-written by reversing the order of the first seven and last six letters, then :

42. If all vowels are removed, which letter will have one preceding and one following letter in the same order as in the English alphabet ?
- (a) T
  - (b) D
  - (c) N
  - (d) S
43. Which letter will be the tenth letter towards right ?
- (a) E
  - (b) T
  - (c) S
  - (d) N



44. Which will be the sixth letter from the end towards left ?
- R
  - E
  - S
  - N
45. How many vowels are there to the left of the letter exactly in the middle ?
- 1
  - 2
  - 3
  - 4

**Directions (Questions No. 46 to 49) :**  
*Study the following information carefully and answer the questions given below :*

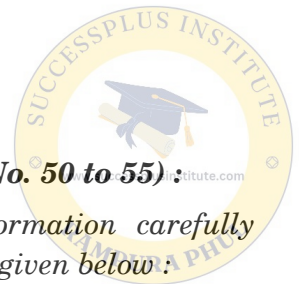
- 1, 2, 3, 4, 5 and 6 are six members in the family.
  - Out of these there is one student, one housewife, one doctor, one teacher, one lawyer and one engineer.
  - There are two married couples in the family.
  - 2 is a teacher and the mother of 3.
  - 4 is the grandmother of 3 and is a housewife.
  - 6 is a lawyer and is the father of 1.
  - 3 is the brother of 1.
  - 5 is the father of 6 and is a doctor.
46. Which of the following statements is definitely **true** ?
- 1 is an engineer
  - 5 is the father of the teacher
  - 4 is the mother of the teacher
  - 6 is the father of the engineer

47. How many female members are there in the family ?
- Only three
  - Only two
  - Three or four
  - Two or three
48. How is 1 related to 4 ?
- Granddaughter
  - Grandson
  - Son
  - Grandson or Granddaughter
49. Which one is the student ?
- 1
  - 2
  - Either 1 or 3
  - 6's son

**Directions (Questions No. 50 to 55) :**  
*Study the following information carefully and answer the questions given below :*

Some friends are sitting on a bench; Sunil is sitting next to Sunita and Sanjay is next to Bindu. Bindu is not sitting with Sumit. Sumit is on the left end of the bench and Sanjay is on the second position from the right hand side. Sunil is on the right side of Sunita and to the right side of Sumit. Sunil and Sanjay are sitting together. Based on the above seating arrangements, answer the following questions :

50. Sunil is sitting between
- Sunita and Bindu
  - Sumit and Bindu
  - Sunita and Sanjay
  - Sanjay and Sumit





51. Who is sitting in the centre ?

- (a) Sumit
- (b) Sunil
- (c) Bindu
- (d) Sanjay

52. Sanjay is sitting between

- (a) Bindu and Sunita
- (b) Sunil and Sumit
- (c) Sunita and Bindu
- (d) Sunil and Bindu

53. Sumit is sitting on the

- (a) Second place from right
- (b) Extreme right side
- (c) Extreme left
- (d) Extreme right

54. Bindu is sitting on

- (a) Extreme left side
- (b) Extreme right side
- (c) Second from left side
- (d) Third from left side

55. Sunita is sitting \_\_\_\_\_ places away from Bindu.

- (a) 1
- (b) 2
- (c) 4
- (d) 5

**Directions (Questions No. 56 to 59) :**

*Study the following information carefully and answer the questions given below :*

There are six children playing football, namely P, Q, R, S, T and U. P and T are brothers, U is the sister of T. R is the only son of P's uncle. Q and S are the daughters of the only brother of R's father.

56. How is R related to U ?

- (a) Cousin
- (b) Brother
- (c) Son
- (d) Uncle

57. How many male players are there ?

- (a) One
- (b) Three
- (c) Four
- (d) Five



58. How many female players are there ?

- (a) One
- (b) Two
- (c) Three
- (d) Four

59. How is S related to P ?

- (a) Uncle
- (b) Sister
- (c) Niece
- (d) Cousin

60. Today is Thursday. The day after 59 days will be
- (a) Sunday
  - (b) Monday
  - (c) Tuesday
  - (d) Wednesday

61. Which of the following is a leap year ?
- (a) 2800
  - (b) 1800
  - (c) 2600
  - (d) 3000

62. 3 persons A, B and C are sitting along the corners of a triangular table. A is to right of B. Who is sitting to the right of C ?
- (a) A
  - (b) B
  - (c) C
  - (d) None of these

**Directions (Questions No. 63 to 65) :**  
*Examine carefully the following statements and answer the three items that follow.*

Out of four friends A, B, C and D,

- I. A and B play football and cricket.
  - II. B and C play cricket and hockey.
  - III. A and D play basketball and football.
  - IV. C and D play hockey and basketball.
63. Who does **not** play hockey ?
- (a) D
  - (b) C
  - (c) B
  - (d) A

64. Who plays football, basketball and hockey ?
- (a) D
  - (b) C
  - (c) B
  - (d) A

65. Which game do B, C and D play ?
- (a) Basketball
  - (b) Hockey
  - (c) Cricket
  - (d) Football

**Directions (Questions No. 66 to 72) :**  
*Study the following information carefully and answer the questions given below :*

A group of seven friends A, B, C, D, E, F and G work as economist, agriculture officer, IT officer, terminal operator, clerk, forex officer and research analyst, for banks L, M, N, P, Q, R and S, but not necessarily in the same order. C works for bank N and is neither a research analyst nor a clerk. E is an IT officer and works for bank R. A works as a forex officer and does not work for bank L or Q. The one who is an agriculture officer works for bank M. The one who works for bank L works as a terminal operator. F works for bank Q. G works for bank P as a research analyst. D is not an agriculture officer.

66. Who amongst the following works as an agriculture officer ?
- (a) C
  - (b) B
  - (c) F
  - (d) D

67. Which bank does D work for ?

- (a) Q
- (b) L
- (c) N
- (d) S

68. What is the profession of C ?

- (a) Terminal operator
- (b) Agriculture officer
- (c) Economist
- (d) None of these

69. Who amongst the following works as a clerk ?

- (a) C
- (b) B
- (c) F
- (d) D

70. Which of the following combinations of person, profession and bank is correct ?

- (a) A – Forex officer – M
- (b) D – Clerk – L
- (c) F – Agriculture officer – Q
- (d) None of these

71. What is the profession of the person who works for bank S ?

- (a) Clerk
- (b) Agriculture officer
- (c) Terminal operator
- (d) Forex officer

72. Which bank does B work for ?

- (a) M
- (b) S
- (c) L
- (d) Either M or S

**Directions (Questions No. 73 to 75) :**  
*Study the information carefully and then answer the questions given below.*

Shalu, Charu, Lata, Tom and Sandy help themselves to take some sweets from a bowl. Four of them each take a gulab jamun. Charu and Tom do not take a burfi as all the others do. In fact, Charu takes only one sweet, which is a laddu. Laddu is not taken by others. Apart from Charu, only Shalu and Sandy do not take peda.

73. Who had only a peda and a gulab jamun ?

- (a) Charu
- (b) Sandy
- (c) Shalu
- (d) Tom

74. Who takes three sweets ?

- (a) Charu
- (b) Sandy
- (c) Shalu
- (d) Lata

75. Who are the two people taking the same number and same type of sweets ?

- (a) Shalu and Lata
- (b) Sandy and Lata
- (c) Shalu and Sandy
- (d) Tom and Sandy

**Directions (Questions No. 76 to 80) :**  
*Study the following information carefully to answer the questions given below :*

From a group of six boys M, N, O, P, Q and R and five girls G, H, I, J and K, a team of six is to be selected. Some of the criteria of selection are as follows :

- I. M and J go together
- II. O cannot be placed with N
- III. I cannot go with J
- IV. N goes with H
- V. P and Q have to be together
- VI. K and R go together
- VII. Unless otherwise stated, these criteria are applicable to all the following questions :

76. If the team consists of two girls and I is one of them, the other members are

- (a) GMRPQ
- (b) KOPQR
- (c) HNOPQ
- (d) KRMNP

77. If the team has four boys including O and R, the members of the team other than O and R are

- (a) HIPQ
- (b) GJPQ
- (c) GKPQ
- (d) GJMP

78. If four members are boys, which of the following **cannot** constitute the team ?

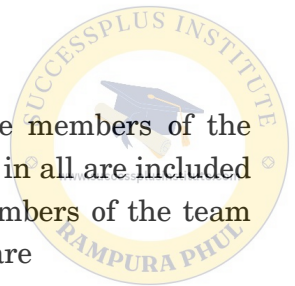
- (a) GJMOPQ
- (b) JKMNOR
- (c) HJMNPQ
- (d) JKMPQR

79. If both K and P are members of the team and three boys in all are included in the team, the members of the team other than K and P are

- (a) GIRQ
- (b) HIRQ
- (c) GJRM
- (d) IJRQ

80. If the team has three girls including J and K, the members of the team other than J and K are

- (a) GHNR
- (b) MORG
- (c) MNOG
- (d) NHOR



## SECTION II

81. The Indian National Army (INA) came into existence in 1943 in
- Japan
  - Burma
  - Singapore
  - Malaysia
82. The Rowlatt Act aimed at
- Compulsory economic support to war efforts
  - Imprisonment without trial and summary procedure for trial
  - Suppression of the Khilafat Movement
  - Imposition of restriction on freedom of the press
83. Which one of the following territories was **not** affected by the Revolt of 1857 ?
- Jhansi
  - Chittor
  - Kanpur
  - Lucknow
84. Which one of the following is the best description of the term 'ecosystem' ?
- A community of organisms interacting with one another
  - That part of the Earth which is inhabited by living organisms
  - A community of organisms together with the environment in which they live
  - The flora and fauna of a geographical area
85. If you travel through the Himalayas, you are likely to see which of the following plants naturally growing there ?
- Oak
  - Rhododendron
  - Sandalwood
- Select the correct answer using the codes given below :
- 1 and 2
  - Only 3
  - 1 and 3
  - 1, 2 and 3
86. Which of the following pairs is correctly matched ?
- Starred question : Supplementary questions cannot follow
  - Unstarred question : Supplementary questions can follow
  - Short-notice question : Requires a written answer
- Codes :**
- Only 1
  - Only 2
  - Only 3
  - None of these
87. Which/Who among the following can abolish a State Legislative Council ?
- The Parliament
  - The President
  - The Governor
  - The State Assembly

88. Money Bills can be introduced in the State Legislature with the prior consent of
- The Speaker
  - The Chief Minister
  - The Governor
  - The President
89. The Judges of the High Courts can be removed from their office during their tenure by
- The Governor, if the State Legislature passes a resolution to this effect by a two-thirds majority
  - The Chief Justice, on the recommendation of the Parliament
  - The President, on the basis of a resolution passed by the Parliament by a two-thirds majority
  - The Chief Justice, on the advice of the President
90. Which one of the following is **not** a Fundamental Duty ?
- To renounce practices derogatory to the dignity of women
  - To safeguard public property
  - To protect monuments and places of public importance
  - To strive towards excellence in all spheres of individual and collective activity
91. The Indian Parliament consists of
- Lok Sabha and Rajya Sabha
  - Lok Sabha, Rajya Sabha and Prime Minister
  - Speaker and Lok Sabha
  - President and both the Houses
92. In India, monetisation of the fiscal deficit is achieved through
- Reducing public expenditure
  - Printing new currency notes
  - Increasing interest rates
  - Borrowing by the government
93. Ball bearings are used in bicycles, cars etc., because
- The actual area of contact between the wheel and axle is increased
  - The effective area of contact between the wheel and axle is increased
  - The effective area of contact between the wheel and axle is reduced
  - None of the above
94. Which one of the following is involved for the desalination of sea water ?
- Reverse osmosis
  - Simple osmosis
  - Use of sodium aluminium silicate as zeolite
  - Use of ion selective electrodes
95. A fan produces a feeling of comfort during hot weather, because
- Our body radiates more heat in air
  - Fan supplies cool air
  - Conductivity of air increases
  - Our perspiration evaporates rapidly

96. Various activities that are required for controlling AIDS are

1. Immunisation
2. Surveillance of the patients
3. Safety in blood transfusion
4. Health education and public awareness

Select the correct answer from the codes given below :

- (a) 1 and 2
- (b) 3 and 4
- (c) 1, 3 and 4
- (d) 2, 3 and 4

97. Where are the Headquarters of the World Bank located ?

- (a) Washington
- (b) New York
- (c) Paris
- (d) Oslo

98. Match the following :

**List I**  
(Term)

**List II**  
(Approximate size)

- |             |                    |
|-------------|--------------------|
| A. Kilobyte | 1. 1 billion bytes |
| B. Byte     | 2. 1 million bytes |
| C. Megabyte | 3. 1000 bytes      |
| D. Gigabyte | 4. 8 bits          |

**Codes :**

- |     | <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b> |
|-----|----------|----------|----------|----------|
| (a) | 2        | 3        | 4        | 1        |
| (b) | 3        | 2        | 4        | 1        |
| (c) | 3        | 4        | 2        | 1        |
| (d) | 1        | 2        | 4        | 3        |

99. Arrange the following in increasing order of productivity :

1. Grassland
2. Mangroves
3. Ocean
4. Tropical rainforest

Choose the correct answer :

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

100. The Comptroller and Auditor General of India is responsible to which of the following ?

1. The President
2. Ministry of Finance
3. The Parliament

Select the correct answer :

- (a) Only 1
- (b) Only 2
- (c) Only 3
- (d) 1 and 3

101. Which of the following is **not** correctly matched ?

**List I**

(Biosphere Reserves)

**List II**

(States)

- |                     |   |                   |
|---------------------|---|-------------------|
| (a) Dehang-Debang   | : | Arunachal Pradesh |
| (b) Cold Desert     | : | Rajasthan         |
| (c) Khangchendzonga | : | Sikkim            |
| (d) Nokrek          | : | Meghalaya         |





102. What is **not** true regarding the procedure for amendment in the Constitution ?

- (a) Constitution Amendment Bill can be introduced only by a Minister.
- (b) It does not require prior permission of the President.
- (c) The bill should be passed by each house in the special majority.
- (d) There is no provision for joint sitting for passage of the bill.

103. Match the following :

**List I**

(Sportsperson)

- A. Manu Bhaker
- B. Prithvi Shaw
- C. P.V. Sindhu
- D. Dipa Karmakar

**List II**

(Game)

- 1. Cricket
- 2. Shooting
- 3. Badminton
- 4. Gymnastics

**Codes :**

- |     | <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b> |
|-----|----------|----------|----------|----------|
| (a) | 2        | 3        | 4        | 1        |
| (b) | 3        | 2        | 4        | 1        |
| (c) | 2        | 1        | 3        | 4        |
| (d) | 1        | 2        | 4        | 3        |

104. REDD+ is

- (a) A list of most wanted terrorists issued by the Interpol
- (b) A global NGO working for the upliftment of HIV positive workers
- (c) A global mechanism to tackle deforestation and degradation of forests
- (d) A list of endangered species prepared by IUCN

105. Match the following :

- |            |                     |
|------------|---------------------|
| A. Chinook | 1. Missile          |
| B. Rafale  | 2. Fighter aircraft |
| C. BrahMos | 3. Helicopter       |

**Codes :**

- |     | <b>A</b> | <b>B</b> | <b>C</b> |
|-----|----------|----------|----------|
| (a) | 1        | 2        | 3        |
| (b) | 2        | 1        | 3        |
| (c) | 2        | 3        | 1        |
| (d) | 3        | 2        | 1        |

106. Who among the following is the Governor of the Reserve Bank of India (RBI) ?

- (a) Shaktikanta Das
- (b) Amitabh Kant
- (c) Subash Chandra Garg
- (d) Urjit Patel

107. In which of the following States is the Keibul Lamjao National Park, the only floating park in the world, located ?

- (a) Manipur
- (b) Mizoram
- (c) Meghalaya
- (d) Jammu & Kashmir

108. Find the **incorrect** match.

- 1. Algoza – Ornament
  - 2. Luddi – Instrument
  - 3. Hansli – Dance
- (a) Only 1
  - (b) 1 and 3
  - (c) Only 2
  - (d) 1, 2 and 3



109. Two statements are given. Choose the correct option :

Statement 1 :

Treaty of Lahore was signed between Lord Hardinge and Maharaja Ranjit Singh.

Statement 2 :

Maharaja Ranjit Singh belonged to Phulkian Misl.

- (a) Only statement 1 is correct
- (b) Only statement 2 is correct
- (c) Both statement 1 and statement 2 are correct
- (d) Both statement 1 and statement 2 are false

110. Match the following :

List I	List II
(Head)	(Country)
A. Mauricio Macri	1. Argentina
B. Jair Bolsonaro	2. Brazil
C. Nguyen Phu Trong	3. Vietnam
D. Win Myint	4. Myanmar

Codes :

A	B	C	D
(a) 2	3	4	1
(b) 1	2	3	4
(c) 2	1	3	4
(d) 4	2	1	3

111. Who among the following is the present Chief Election Commissioner of India ?

- (a) T.N. Seshan
- (b) Sushil Chandra
- (c) Achal Kumar Jyoti
- (d) Sunil Arora

112. Which among the following Gurus established the Manji System to spread the message of Guru Nanak Dev Ji ?

- (a) Guru Angad Dev Ji
- (b) Guru Amar Das Ji
- (c) Guru Ram Das Ji
- (d) Guru Arjan Dev Ji

113. Who among the following issued Nanak Shahi Coins ?

- (a) Baba Deep Singh
- (b) Maharaja Ranjit Singh
- (c) Banda Singh Bahadur
- (d) Maharaja Dalip Singh

114. Who among the following wrote the novel *Anand Math* set in the background of Sanyasi Rebellion ?

- (a) R.C. Dutt
- (b) Bankim Chandra Chatterjee
- (c) Rabindra Nath Tagore
- (d) Vinoba Bhave



115. Light coloured clothes are preferred in summer because

- (a) Light colours are good radiators of heat
- (b) Light colours are poor absorbers of heat
- (c) They soak sweat faster
- (d) They allow body heat to escape faster

116. Children, who receive very little sunshine suffer from

- (a) Rickets
- (b) Dermatitis
- (c) Scurvy
- (d) Sterility

117. Laughing gas is

- (a) NO
- (b)  $N_2O_3$
- (c)  $N_2O$
- (d)  $N_2O_5$

118. The size of nanoparticles is in the range of

- (a)  $10^{-9}$  m
- (b)  $10^{-9}$  cm
- (c)  $10^{-19}$  cm
- (d)  $10^{19}$  cm

119. 'Kup-Rohira' Memorial near Malerkotla has been built to commemorate

- (a) Chhota Ghallughara
- (b) Vadda Ghallughara
- (c) Battle of Nadaun
- (d) Battle of Chamkaur

120. Match the following :

<b>List I</b> <i>(Revolution)</i>	<b>List II</b> <i>(Associated Agriculture Sector)</i>
A. Yellow Revolution	1. Food crops
B. Blue Revolution	2. Oil seeds
C. White Revolution	3. Milk production
D. Green Revolution	4. Fish production

**Codes :**

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
(a)	2	4	3	1
(b)	2	3	4	1
(c)	4	3	1	2
(d)	4	1	3	2