

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)

**B**

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.

**Directions (Questions No. 1 to 5) :** From among the five doctors 1, 2, 3, 4 and 5; four engineers G, H, K and L and six teachers M, N, O, P, Q and R, some teams are to be selected. Of these 1, 2, G, H, O, P and Q are females and the rest are males. The formation of teams is subject to the following conditions :

Wherever there is a male doctor, there will be no female teacher

Wherever there is a male engineer, there will be no female doctor

There shall not be more than two male teachers in any team

1. If the team consists of two doctors, two female teachers and two engineers, all the following teams are possible *except*
  - (a) 12KLPQ
  - (b) 12GHPQ
  - (c) 12GHOQ
  - (d) OPGH12
  
2. If the team consists of two doctors, three female teachers and two engineers, the members of the team are
  - (a) 34OPQGH
  - (b) 12OPQGH
  - (c) 34KLOPQ
  - (d) 45GHOPQ
  
3. If the team consists of three doctors, two male engineers and two teachers, the members of the team could be
  - (a) 345KLMN
  - (b) 123KLMR
  - (c) 345KLPR
  - (d) 12HMRPQ

4. If the team consists of two doctors, one engineer and four teachers, all the following teams are possible *except*
  - (a) 12GMNOP
  - (b) 12KNRPQ
  - (c) 12HMOPQ
  - (d) 12HMRPQ
  
5. If the team consists of two doctors, two engineers and two teachers, all the following teams are possible *except*
  - (a) 35KLNR
  - (b) 12GHMN
  - (c) 34KLOP
  - (d) 12GHOP

**Directions (Questions No. 6 to 10) :** The word 'B R E A D' is written using five different coding schemes marked a to d. In questions 21 to 25, various words are coded using one of the schemes used for coding the word 'BREAD'. You have to find which coding scheme is used for the words in questions :

'B R E A D' is coded as :

- (a) E A D R B
- (b) C S F B E
- (c) C Z D Q A
- (d) H E I V F

	<b>Words</b>	<b>Codes</b>
6.	R E A S O N	R S W E I V
7.	T A B L E	B L F A T
8.	F R I D A Y	G S J E B Z
9.	S E N S E	D R M D R
10.	C O B O L	D P C B M

**Directions (Question No. 11) :** There are three statements A, B and C followed by four conclusions numbered I, II, III and IV. You have to take the given statements to be true even if they seem to be at variance with the commonly known facts. Read all the conclusions, and then decide, which conclusions logically follows these statements disregarding the commonly known facts.

**11. Statements :**

- A. Some stars are tunnels.
- B. All tunnels are roads.
- C. Some roads are bracelets.

**Conclusions :**

- I. Some tunnels are bracelets.
  - II. Some bracelets are stars.
  - III. All roads are tunnels.
  - IV. Some roads are stars.
- (a) All follow
  - (b) Only IV follows
  - (c) Only I and II follow
  - (d) Only III and IV follow

**Directions (Questions No. 12 to 14) :** Read the following information carefully and answer the questions given below :

Four young men Raj, Sunder, Tarun and Upal are married to Rekha, Sunita, Tara and Uma and the couples live in Rampur, Sanchi, Tirupati and Udhampur.

- I. The 1<sup>st</sup> letter of names of men, their wives and cities is not the same.
- II. Sunita is not Raj's wife.
- III. Sunder does not live in Rampur or Udhampur and is not Rekha's husband.
- IV. Upal and Tara do not live in Sanchi.

- 12.** Which pair given below is the right combination of wife and city for Tarun ?
  - (a) Sunita – Tirupati
  - (b) Tara – Sanchi
  - (c) Uma – Rampur
  - (d) Rekha – Sanchi
- 13.** Who among the following is the wife of Upal ?
  - (a) Rekha
  - (b) Sunita
  - (c) Tara
  - (d) Uma
- 14.** Which of the following is the correct pair of husband and wife ?
  - (a) Upal and Sunita
  - (b) Raj and Tara
  - (c) Sunder and Uma
  - (d) All of the above

**Directions (Question No. 15) :** Read the following information carefully and answer the question that follows :

Three persons A, B and C wore shirts of black, blue and orange colours (not necessarily in that order) and pants of green, yellow and orange colours (not necessarily in that order). No person wore shirt and pants of the same colour. Further, it is given that

- I. A did not wear shirt of black colour.
- II. B did not wear shirt of blue colour.
- III. C did not wear shirt of orange colour.
- IV. A did not wear pants of green colour.
- V. B wore pants of orange colour.

15. What were the colours of the pants and shirt worn by C, respectively ?
- (a) Orange and black
  - (b) Green and blue
  - (c) Yellow and blue
  - (d) Yellow and black

**Directions (Questions No. 16 to 18) :**  
*Answer the following questions based on the statements given below.*

- I. There are 3 poles on each side of the road.
  - II. These six poles are labelled A, B, C, D, E and F.
  - III. The poles are of different colours namely golden, silver, metallic, black, bronze and white.
  - IV. The poles are of different heights.
  - V. E, the tallest pole, is exactly opposite to the golden coloured pole.
  - VI. The shortest pole is exactly opposite to the metallic coloured pole.
  - VII. F, the black coloured pole, is located between A and D.
  - VIII. C, the bronze coloured pole, is exactly opposite to A.
  - IX. B, the metallic coloured pole, is exactly opposite to F.
  - X. A, the white coloured pole, is taller than C but shorter than D and B.
16. What is the colour of the pole diagonally opposite to the bronze coloured pole ?
- (a) White
  - (b) Silver
  - (c) Metallic
  - (d) Golden

17. Which is the second tallest pole ?
- (a) A
  - (b) D
  - (c) B
  - (d) Cannot be determined
18. Which is the colour of the tallest pole ?
- (a) Golden
  - (b) Silver
  - (c) Bronze
  - (d) None of the above

**Directions (Questions No. 19 to 23) :**  
*Read the following information carefully and answer the questions based on them.*

The staff of a bank are Mr A, Mr B, Mrs C, Miss D, Mr E and Miss F. The positions they occupy are manager, assistant manager, cashier, stenographer, teller and clerk, though not necessarily in that order. The assistant manager is the manager's grandson, the cashier is the stenographer's son-in-law. Mr A is a bachelor. Miss D is the teller's step sister and Mr E is the manager's neighbour. Mr B cannot have a grandson or son-in-law as he is only 20 years old.

19. Who is the manager ?
- (a) Mr A
  - (b) Mrs C
  - (c) Mr E
  - (d) None of the above
20. Who is the assistant manager ?
- (a) Mr A
  - (b) Miss F
  - (c) Mrs C
  - (d) Mr B

21. Who is the teller ?

- (a) Miss F
- (b) Mrs C
- (c) Mr A
- (d) Miss D

22. Who is the clerk ?

- (a) Mr B
- (b) Miss D
- (c) Miss F
- (d) None of the above

23. Who is the cashier ?

- (a) Either Mr A or Mr B
- (b) Miss F
- (c) Mr B
- (d) Mrs C

**Directions (Questions No. 24 to 26) :**

*Read the following information carefully and then answer the questions based on them.*

Ravi and Kunal are good in hockey and volleyball. Sachin and Ravi are good in hockey and baseball. Gaurav and Kunal are good in volleyball and cricket. Sachin, Gaurav and Sagar are good in baseball and football.

24. Who is good in hockey, cricket and volleyball ?

- (a) Sachin
- (b) Kunal
- (c) Sagar
- (d) Ravi

25. Who is good in baseball, cricket, volleyball and football ?

- (a) Sachin
- (b) Kunal
- (c) Gaurav
- (d) Sagar

26. Who is good in football and baseball but not good in hockey, volleyball and cricket ?

- (a) Sagar
- (b) Sachin
- (c) Ravi
- (d) Gaurav

27. The average age of 45 students in a class is 13 years. 15 new students with an average age of 18 years join the class. What is the average age of all the students in the class ?

- (a) 13.15 years
- (b) 14.25 years
- (c) 12.28 years
- (d) 16.42 years

28. Five years ago, the average age of four men was 48 years. Now, a new man joins and the average age increases by 2 years. What is the age of the new man ?

- (a) 36 years
- (b) 42 years
- (c) 41 years
- (d) 38 years

29. In a town, 45% population read magazine A, 55% read magazine B, 40% read magazine C, 30% read magazines A and B, 15% read magazines B and C, 25% read magazines A and C, and 10% read all the three magazines. What percentage do **not** read any magazine ?

- (a) 10%
- (b) 15%
- (c) 20%
- (d) 25%

30. If Mohan, while selling two goats at the same price makes a profit of 10% on one goat and suffers a loss of 10% on the other. He
- (a) Makes no profit and no loss
  - (b) Makes a profit of 1%
  - (c) Suffers a loss of 1%
  - (d) Suffers a loss of 2%
31. Find the least number by which 175760 be multiplied to make it a perfect cube.
- (a) 100
  - (b) 160
  - (c) 80
  - (d) 27
32. The selling price of 24 articles is equal to the cost price of 20 articles. Then, find the loss percentage.
- (a) 16%
  - (b)  $16\frac{2}{3}\%$
  - (c)  $16\frac{3}{2}\%$
  - (d) None of the above
33. If the selling price of a product is increased by ₹ 162, then the business would make a profit of 17% instead of a loss of 19%. What is the cost price of the product ?
- (a) ₹ 360
  - (b) ₹ 450
  - (c) ₹ 540
  - (d) ₹ 600
34. If 10 spiders can catch 10 flies in 10 minutes, then how many flies can catch 200 spiders in 200 minutes ?
- (a) 2000
  - (b) 4000
  - (c) 1000
  - (d) 200
35. If 15 men can reap a field in 40 days, then in how many days will 20 men reap the field ?
- (a) 20 days
  - (b) 25 days
  - (c) 30 days
  - (d) 35 days
36. In three vessels, the ratio of water and milk is 6 : 7, 5 : 9 and 8 : 7, respectively. If the mixture of the three vessels is mixed, then what will be the ratio of water and milk ?
- (a) 2431 : 3781
  - (b) 3691 : 4499
  - (c) 4381 : 5469
  - (d) None of the above
37. Two trains of lengths 450 m and 550 m are moving in the same direction with speeds 50 km/h and 30 km/h respectively. Find the time taken by them to cross each other.
- (a) 3 minutes
  - (b) 5 minutes
  - (c) 4 minutes
  - (d) None of the above

38. A boat goes 12 km in 1 hour in still water. It takes thrice the time in covering the same distance against the current. Find the speed of the current.
- 8 km/h
  - 12 km/h
  - 6 km/h
  - 7 km/h
39. Which of the following words can be formed using the letters of the word 'MEASUREMENT' ?
- ASSURE
  - MASTER
  - SUMMIT
  - MANTLE
40. If it is possible to make a meaningful word with the 1<sup>st</sup>, 4<sup>th</sup>, 7<sup>th</sup>, and 11<sup>th</sup> letters of the word 'INTERPRETATION', which of the following will be the third letter of that word? If more than one such word can be made, give 'M' as the answer and if no such word can be formed, give 'X' as the answer.
- T
  - R
  - M
  - X
41. Arrange the given words as per their order in the dictionary.
- Elope
  - Evaluate
  - Enlarge
  - Enormous
- 1, 3, 4, 2
  - 3, 1, 4, 2
  - 1, 3, 2, 4
  - 3, 1, 2, 4
42. After going 60 m towards North, Tom takes a right turn and goes for another 16 m. He then takes a right turn and goes 48 m. How far is he from the starting point ?
- 20 m
  - 12 m
  - 16 m
  - 24 m
43. The houses of 'A' and 'B' face each other on a road going North-South, A's house being on the Western side. 'A' comes out of his house, turns left, travels 5 km, turns right, travels 5 km to the front of D's house. 'B' does exactly the same and reaches the front of C's house. In this context, which one of the following statements is correct ?
- C and D live on the same street
  - C's house faces South
  - The houses of C and D are less than 20 km apart
  - None of the above
44. Six books are labelled A, B, C, D, E and F and are placed side by side. Books B, C, E and F have green covers while others have yellow covers. Books A, B and D are new while the rest are old volumes. Books A, B and C are law reports while the rest are medical extracts. Which two books are old medical extracts and have green covers ?
- B and C
  - E and F
  - C and E
  - C and F

45. In a group of six women, there are four dancers, four vocal musicians, one actress and three violinists. Girija and Vanaja are among the violinists while Jalaja and Shailaja do not know how to play the violin. Shailaja and Tanuja are among the dancers. Jalaja, Vanaja, Shailaja and Tanuja are all vocal musicians and two of them are also violinists. If Pooja is an actress, who among the following is certainly a dancer and a violinist ?

- (a) Jalaja
- (b) Pooja
- (c) Shailaja
- (d) Tanuja

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

Four young men Anil, Mukesh, Piyush and Yogesh are lovingly called Munna, Babboo, Prince and Pappoo by everyone. They are married to Madhu, Sunanda, Jyoti and Arti.

- I. Arti and Madhu are neither married to Piyush or Anil nor is their husband called Babboo.
- II. Babboo is not married to Sunanda and his name is not Piyush.
- III. Sunanda is not married to Munna.
- IV. Mukesh is neither Munna nor Prince and is not married to Madhu.

46. Which of the following pair of husband-wife is **not correct** ?

- (a) Munna – Madhu
- (b) Baboo – Jyoti
- (c) Pappoo – Jyoti
- (d) None of the above

47. What is the nickname of Mukesh ?

- (a) Babboo
- (b) Pappoo
- (c) Munna
- (d) Prince

48. Who is the husband of Sunanda ?

- (a) Anil
- (b) Mukesh
- (c) Piyush
- (d) Yogesh

49. Yogesh is married to whom ?

- (a) Sunanda
- (b) Arti
- (c) Madhu
- (d) Jyoti

50. In five flats, one above the other, live five professionals. The Professor has to go up to meet his IAS Officer friend. The Doctor is equally friendly to all and has to go up as frequently as go down. The Engineer has to go up to meet his MLA friend above whose flat lives the Professor's friend. From the ground floor to the top floor, in what order do the five professionals live ?

- (a) Engineer, Professor, Doctor, IAS Officer, MLA
- (b) Professor, Engineer, Doctor, IAS Officer, MLA
- (c) IAS Officer, Engineer, Doctor, Professor, MLA
- (d) Professor, Engineer, Doctor, MLA, IAS Officer



**Direction (Questions No. 51 to 53) :** Read the passage given below and answer the questions that follow.

A, B, C, D, E and F are members of a family. They are engineer, stenographer, doctor, draughtsman, lawyer and judge (not in order). A, the engineer is married to the lady stenographer.

The judge is married to the lawyer. F, the draughtsman is the son of B and brother of E. C, the lawyer is the daughter-in-law of D. E is the unmarried doctor. D is the grandmother of F. There are two married couples in the family.

**51.** What is the profession of B ?

- (a) Judge
- (b) Lawyer
- (c) Draughtsman
- (d) Cannot be determined

**52.** Which of the following is/are a couple/couples ?

- (a) Only AD
- (b) Only BC
- (c) AD and BC
- (d) AC and BD

**53.** What is the profession of D ?

- (a) Judge
- (b) Stenographer
- (c) Doctor
- (d) Cannot be determined

**54.** Sneha correctly remembers that her father's birthday is before 16<sup>th</sup> June but after 11<sup>th</sup> June, whereas her younger brother correctly remembers that their father's birthday is after 13<sup>th</sup> June but before 18<sup>th</sup> June, and her elder brother correctly remembers that their father's birthday is on an even date. Which date in June, is definitely their father's birthday?

- (a) 16<sup>th</sup>
- (b) 12<sup>th</sup>
- (c) 14<sup>th</sup>
- (d) Data inadequate

**55.** The priest told the devotee, "The temple bell rings at regular intervals of 45 min." The last bell had rung five minutes ago. The next bell is due to be rung at 7 : 45 am. At what time did the priest give this information to the devotee ?

- (a) 7 : 40 am
- (b) 7 : 05 am
- (c) 6 : 55 am
- (d) None of the above

56. Arpita would like to complete all her homework before 10 pm in order to watch an important TV programme on Budget 2019. She has 40-minute assignment in each of her five prepared subjects. What is the latest time at which she can start and still complete her homework in time for the programme ?

- (a) 6 : 30 pm
- (b) 6 : 40 pm
- (c) 7 : 10 pm
- (d) 7 : 20 pm

57. At present, the ratio between the ages of Arun and Deepak is 4 : 3. After 6 years, Arun's age will be 26 years. What is the age of Deepak at present ?

- (a) 12 years
- (b) 15 years
- (c)  $19\frac{1}{2}$  years
- (d) 25 years

58. In a family, a couple has a son and a daughter. The age of the father is three times that of his daughter and age of the son is half of his mother. The wife is 9 years younger to her husband and the brother is 7 years older than his sister. What is the age of the mother ?

- (a) 40 years
- (b) 45 years
- (c) 50 years
- (d) 60 years

**Directions (Questions No. 59 to 61) :**  
Answer the questions based on the following information.

A school has four sections A, B, C and D of Class IX students. The results of half-yearly and annual examinations are shown in the table given below.

Results	Number of students			
	Section A	Section B	Section C	Section D
Students failed in both exams	28	23	17	27
Students failed in half-yearly but passed in annual exams	14	12	8	13
Students passed in half-yearly but failed in annual exams	6	17	9	15
Students passed in both exams	64	55	46	76

59. Which section has the minimum failure rate in the half-yearly examination ?

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

60. Which section has the maximum success rate in the annual examination ?

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

61. Which section has the maximum pass percentage in atleast one of the two examinations ?

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

**Directions (Questions No. 62 to 65) :**  
Choose the correct alternative from the following options as given below for the Assertion (A) and Reason (R) given in each of the questions.

**Give answer**

- (a) If both A and R are true and R is the correct explanation of A
- (b) If both A and R are true but R is not the correct explanation of A
- (c) If A is true but R is false
- (d) If A is false but R is true

**62. Assertion (A) :** When common salt is kept open, it absorbs moisture from the air.

**Reason (R) :** Common salt contains magnesium chloride.

**63. Assertion (A) :** Earthworms are not good for agriculture.

**Reason (R) :** Earthworms break down the soil into fine particles and make it soft.

**64. Assertion (A) :** Most of the Himalayan Rivers are perennial.

**Reason (R) :** They are fed by melting snow.

**65. Assertion (A) :** Noise pollution is an unwanted accumulation of noise in the atmosphere.

**Reason (R) :** It interferes with communication.

**Directions (Questions No. 66 and 67) :**  
Find the missing term.

**66.** 3, 8, 22, 63, 185, ?

- (a) 285
- (b) 295
- (c) 310
- (d) 550

**67.** 3, 15, 4, 16, 5, 17, 6, ?, 7

- (a) 12
- (b) 18
- (c) 15
- (d) 13

**Directions (Questions No. 68 to 70) :**  
'XEROX COPY OF BILL WAS SENT' is coded as 'ZGTQZ EQRA QH DKNN YCU UGPV'. Based on this coding scheme, select the code from the answer choices for each word given in the bold letters in the beginning of each question :

**68. WATER**

- (a) GVCCTT
- (b) YCVGT
- (c) EQARR
- (d) EAVER

**69. BLIST**

- (a) DNKOV
- (b) DNKUQ
- (c) DNKVU
- (d) DKNUB

**70. CLOSE**

- (a) ENQUG
- (b) ENQVG
- (c) EQNUG
- (d) ENOUG

**Directions (Questions No. 71 to 74) :**  
*Study the following information and answer the questions given below :*

There are two married couples in the family of six people (U,V,W,X, Y and Z)  
W is the wife of V and the mother of Z  
X is the grandmother of U and the mother of V  
Z is the granddaughter of Y

71. What is W to U ?  
(a) Mother  
(b) Grandmother  
(c) Daughter  
(d) None of the above
72. How many male members are there in the family ?  
(a) 2  
(b) 3  
(c) 4  
(d) Cannot be determined
73. Which of the following is true ?  
(a) U is the sister of Z  
(b) U is the brother of Z  
(c) V has two daughters  
(d) None of the above
74. Who among the following is one of the couples ?  
(a) W and X  
(b) Y and V  
(c) X and Y  
(d) None of the above

**Directions (Questions No. 75 and 76) :**  
*These questions are based on the following sequence of numbers :*

8 9 6 7 3 9 3 7 8 3 9 9 5 6 3 9 6 9 3 9 8

75. There are pairs of adjoining figures which add up to 12. How many such pairs are there ?  
(a) 1  
(b) 2  
(c) 3  
(d) 6
76. How many 3s are there **not** preceded by 9 but immediately followed by 9 ?  
(a) 2  
(b) 3  
(c) 4  
(d) 5

**Directions (Questions No. 77 to 80) :**  
*Study the following letter-number arrangement and answer the questions given below :*

B 8 4 C R M 9 P D K W F A 2 E J 7 X  
U Q H L T Y 6 G S

77. Which of the following will come in place of the question mark (?) in the following sequence with reference to the above arrangement ?  
BRC, 8MR, 49M, ?  
(a) CNP  
(b) 4PN  
(c) CP9  
(d) None of the above

78. Which of the following will be fourth to the right of the thirteenth letter/number from your right ?
- W
  - U
  - F
  - 2
79. If it is possible to make a meaningful word with the ninth, the sixteenth, the twenty-fourth and the twenty-eighth letters from left in the above given series, which of following will be the first letter of that word. If no such word can be made, give 'X' as the answer. If more than one such word can be made, give 'M' as the answer.
- X
  - M
  - P
  - E
80. If every alternate letter/number is dropped in the above arrangement beginning with dropping "4" as first number to be dropped, which of the following will be third to the right of the fifth letter/number from the left ?
- W
  - U
  - 7
  - A
81. Which one of the following States sends maximum representatives to the Lok Sabha ?
- Himachal Pradesh
  - Madhya Pradesh
  - West Bengal
  - Uttar Pradesh
82. The source of three important narcotic drugs — bhang, ganja and hashish (charas) — is one and the same plant. Which one of the following is this plant ?
- Henbane
  - Indian hemp
  - Poppy
  - Rauwolfia
83. The Governor of a State holds office
- During the pleasure of the President
  - As long as he enjoys the confidence of the Chief Minister
  - As long as he enjoys the confidence of the State Council of Ministers
  - As long as he enjoys the confidence of the State Legislature
84. The Constitution has vested the 'residuary powers' with the Centre. But the final authority to decide whether a matter falls under residuary powers or *not* rests with
- The Parliament
  - The President
  - The Rajya Sabha
  - The Supreme Court

- 85.** The Comptroller and Auditor General submits his annual report regarding the Centre to
- The President
  - The Parliament
  - The Chairman of the Planning Commission
  - The Chief Justice of India
- 86.** The Enforcement Directorate (ED) of the Finance Ministry is responsible for
- Enforcing the provisions of the Foreign Exchange Management Act (FEMA)
  - Collection of intelligence regarding possible cases of money laundering
  - Assessment of cases of evasion of Income Tax
  - Confiscation of property of crime under the Prevention of Money Laundering Act (PMLA)
- Select the correct answer using the codes given below:
- I and IV
  - Only II
  - I, II and IV
  - I, II, III and IV
- 87.** Among the tax revenues of the Union Government, the largest collection of tax is from
- Income tax
  - Corporation tax
  - Union excise duties
  - Customs duty
- 88.** The purpose of the Fiscal Responsibility and Budget Management Act is, among other things
- To regulate government borrowing
  - To allow urban local bodies to incur debts
  - To make the State governments responsible for the implementation of Central schemes
  - None of the above
- 89.** Which unit of valuation is known as 'paper gold' ?
- Euro Dollar
  - Petro Dollar
  - Special Drawing Rights
  - Global Depository Receipt
- 90.** Asia's largest inland saltwater lagoon as well as world's largest breeding place for colonies of flamingoes, white-bellied sea eagles, jacanas and herons is
- Bhitarkanika Wildlife Sanctuary
  - Ranganathittu Wildlife Sanctuary
  - Thattekad Bird Sanctuary
  - Chilka Lake Bird Sanctuary
- 91.** To which of the following animals does habitat destruction due to salt activities pose a constant threat ?
- Indian wild ass
  - Estuarine crocodile
  - Dugong
  - Indian bison

92. Which of the following solvents is used in refrigeration and is a known culprit of ozone layer depletion ?
- Benzene
  - Chlorofluorocarbon
  - Carbon tetrachloride
  - Chloroform
93. Which one of the following statements about Compressed Natural Gas (CNG) is **not true** ?
- It is environmentally much cleaner than the other fossil fuels.
  - It is obtained during refining of crude oil.
  - It comprises primarily methane.
  - Unlike LPG, it is not liquefied.
94. Why are the pulse crops considered very important for our economy ?
- They are an important source of protein in our diet
  - Their water requirement is much less than other food crops
  - They do not require nitrogen fertilizers
  - They enrich the soil rather than depleting it
- Select the correct answer from the above using the code given below :
- I and III
  - I, III and IV
  - II and IV
  - I, II, III and IV
95. In the process of dialysis, used on patients with affected kidneys, the phenomenon involved is
- Diffusion
  - Absorption
  - Osmosis
  - Electrophoresis
96. Radiocarbon dating is used to estimate the ages of
- Babies
  - Fossils
  - Rocks
  - Ancient buildings
97. Most of the explosions in mines occur due to the mixing of
- Hydrogen with oxygen
  - Methane with air
  - Oxygen with acetylene
  - Carbon dioxide with methane
98. Which among the following statements is **false** about electoral bond scheme ?
- It aims to cleanse the system of political funding in India.
  - Electoral bonds can be purchased by only High Net worth Individuals.
  - Electoral bond is for funding of all the political parties in India.
- Choose the correct option
- Only II
  - Only III
  - II and III
  - All of the above

**99.** Which among the following countries has the largest Diaspora as per the World Migration Report (2018) ?

- (a) India
- (b) Mexico
- (c) China
- (d) Bangladesh

**100.** Match the following :

<i>Personalities</i>	<i>Firm / Company</i>
A. Jack Ma	I. Amazon
B. Jeff Bezos	II. Berkshire Hathaway
C. Mark Zuckerberg	III. Alibaba
D. Warren Buffet	IV. Facebook

**Codes :**

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
(a)	I	III	IV	II
(b)	II	I	IV	III
(c)	IV	III	I	II
(d)	III	I	IV	II

**101.** Swayam is

- (a) Open online courses initiative
- (b) Scholarship scheme for differently abled children
- (c) Scheme to encourage participation of girls in technical education
- (d) Skill development scheme for those engaged in traditional crafts and arts

**102.** Choose the correct option :

- I. DIKSHA is a national digital infrastructure for students
  - II. DIKSHA will provide teacher training courses and resources
- (a) Only statement I is correct
  - (b) Only statement II is correct
  - (c) Both statements I and II are correct
  - (d) Both statements I and II are false

**103.** Where is the headquarters of Court of Arbitration for Sport located ?

- (a) USA
- (b) Switzerland
- (c) China
- (d) Denmark

**104.** Who amongst the following acted as a scribe to write 'Adi Granth' ?

- (a) Bhai Buddha ji
- (b) Bhai Gurdas ji
- (c) Bhai Mardana ji
- (d) None of the above

**105.** Who amongst the following had been the first recipient of Sahitya Akademi Award in Punjabi language ?

- (a) Amrita Pritam
- (b) Bhai Vir Singh
- (c) Dalip Tiwana
- (d) Gurdial Singh



106. 'The Naked Triangle' is an autobiography of

- (a) Balraj Sahni
- (b) Balwant Gargi
- (c) Jaswant Singh Kanwal
- (d) Kartar Singh Duggal

107. Which one of the following dances is *not* performed by women ?

- (a) Sammi
- (b) Giddha
- (c) Kikli
- (d) Luddi

108. Who amongst the following was the founder President of Ghadar Party ?

- (a) Lala Lajpat Rai
- (b) Sardar Ajit Singh
- (c) Sohan Singh Bhakna
- (d) Baba Kharak Singh

109. Consider the following pairs :

<i>Tradition</i>	<i>State</i>
------------------	--------------

- |  |                     |
|--|---------------------|
| I. Gatka, a traditional martial art          | : Kerala            |
| II. Madhubani, a traditional painting        | : Bihar             |
| III. Singhey Khababs Sindhu Darshan festival | : Jammu and Kashmir |

Which of the pair(s) given above is/are correctly matched ?

- (a) I and II
- (b) Only III
- (c) II and III
- (d) All of the above

110. Consider the following pairs :

<i>Protected Area</i>	<i>Well-Known for</i>
-----------------------	-----------------------

- |                                     |                        |
|-------------------------------------|------------------------|
| I. Bhitarkanika, Odisha             | : Salt Water Crocodile |
| II. Desert National Park, Rajasthan | : Great Indian Bustard |
| III. Eravikulam, Kerala             | : Hoolock Gibbon       |

Which of the pairs given above is/are correctly matched ?

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

- 111.** The Khilafat Movement subsided following the
- Withdrawal of support by Congress
  - Abandonment of the policy of discrimination against the Muslims by the British
  - Reservation of seats for Muslims in Central and Provincial legislatures under the Act of 1919
  - Assumption of power by Mustafa Kemal Pasha in Turkey and abolition of the Caliphate
- 112.** The Headquarters of the Ghadar Party was at
- Moscow
  - Berlin
  - San Francisco
  - Los Angeles
- 113.** Whom did Gandhiji regard as his guru in politics ?
- Bal Gangadhar Tilak
  - Pherozeshah Mehta
  - Gopal Krishna Gokhale
  - Dadabhai Naoroji
- 114.** The boundary between India and Pakistan was demarcated by
- Lord Mountbatten
  - Sir Cyril Radcliffe
  - Sir Stafford Cripps
  - Lawrence
- 115.** In which of the following States was referendum on accession held ?
- Hyderabad
  - Junagadh and Hyderabad
  - Bhopal
  - Junagadh
- 116.** At the time of partition, the government in North-West Frontier Province was constituted by
- Congress Party
  - Muslim League
  - Union Party
  - A coalition of Congress and the Unionists
- 117.** The Punjab Reorganisation Act, which created the States of Punjab and Haryana in 1966, was enacted on the basis of the recommendation of the
- Dhar Commission
  - Dass Commission
  - Shah Commission
  - Mahajan Commission
- 118.** Who is the Supreme Commander of the Armed Forces of India ?
- The President
  - The Prime Minister
  - The Union Defence Minister
  - None of the above
- 119.** The Vice-President is the *ex-officio* Chairman of
- The Rajya Sabha
  - The National Development Council
  - The NITI Aayog
  - None of the above
- 120.** The Parliament of India consists of
- The President, Lok Sabha and Rajya Sabha
  - The Lok Sabha and Rajya Sabha
  - The Lok Sabha, Prime Minister and Speaker
  - None of the above

# SPACE FOR ROUGH WORK

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