Booklet Sr. No.

Question Booklet Set

B

Candidate's Name _____

Father's Name _____

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

OMR Response Sheet No. _____ **Roll No.** _____

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

Total Questions : **120**]
Time Allowed : **2** Hours]

INSTRUCTIONS

1. The candidate shall NOT open this booklet till the time he/she 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 120 minutes, except for orthopedically/visually impaired candidates, who would be given 40 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 A

Directions (Question Nos. 1 to 3) : In each of the questions below are given some statements followed by some conclusions. Assume that the given statements are true even if they seem to be at variance from commonly known facts. Read all the conclusions and decide which of the given conclusions logically follow from the given statements disregarding commonly known facts.

1. *Statement :*
In a country, all politicians are teachers, all teachers are engineers and all engineers are young citizens.

Conclusions :
I. Some young citizens are politicians.
II. No engineers are politicians.
III. All politicians are engineers.
IV. All engineers are politicians.

(a) Only I and II follow
(b) Only I, II and IV follow
(c) All follow
(d) None of the above

2. *Statement :*
In a university, 60% of the students are male and 40% students are female, 70% of the students are sincere and 40% of the students are from Punjab State.

Conclusions :
I. At least 30% of the male students are sincere.
II. All male students are not from Punjab State.
III. 30% of the female students are not sincere.
IV. All female students are from Punjab State.

(a) Only I follows
(b) Only I and II follow
(c) All follow
(d) None of the above

3. *Statement :*
The average number of people per household is 4 in hilly areas, whereas it is 8 in plain areas. The overall average is 7.

Conclusions :
I. More people live in the same household in the plain areas as compared to those in the hilly areas.
II. The population per unit area in the plain areas is higher than in the hilly areas.

(a) Only conclusion I follows
(b) Only conclusion II follows
(c) Both I and II follow
(d) Neither I nor II follows

*Directions (Question Nos. 4 to 8) : Read the following information carefully to answer the questions :*

I. Seven children Boby, John, Surya, Sonika, Neha, Taran and Ram are sitting around a circular table facing towards the centre.
II. Neha is neighbour of Boby and Sonika.
III. Ram is not between Taran and Surya.
IV. Exactly one child is sitting between Taran and Surya.
V. Taran is sitting immediate right of Boby.

4. Who is the neighbour of Ram ?
(a) Surya and Sonika
(b) John and Sonika
(c) John and Neha
(d) Taran and Sonika

5. What is the position of Taran ?
   (a) Third to the left of Surya
   (b) Second to the right of Surya
   (c) To the immediate right of John
   (d) None of the above

6. Who is sitting between John and Ram ?
   (a) Taran
   (b) Boby
   (c) Surya
   (d) None of the above

7. Which of the following pair of children has the second child sitting immediately to the right of the first ?
   (a) Boby, John
   (b) Neha, Boby
   (c) Surya, John
   (d) Sonika, Ram

8. Which of the children are sitting adjacent to each other from left to right (in counter clockwise direction) in the order as shown ?
   (a) Taran, John, Surya
   (b) John, Ram, Surya
   (c) Surya, Sonika, Neha
   (d) Neha, Sonika, Ram

9. A school bus starts from a place X. The number of girls in the bus is one-third of the number of boys. At place Y, 5 girls and 35 boys leave. Now the number of boys and girls are equal. In the beginning, how many students were there in the bus ?
   (a) 30
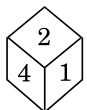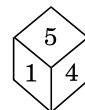   (b) 50
   (c) 60
   (d) None of the above

10. What is the number of triangles in the figure below ?
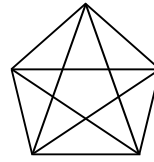
   (a) 8
   (b) 6
   (c) 12
   (d) None of the above

11. What is the minimum number of lines required to draw the below figure ?
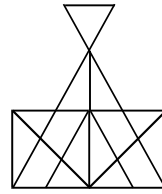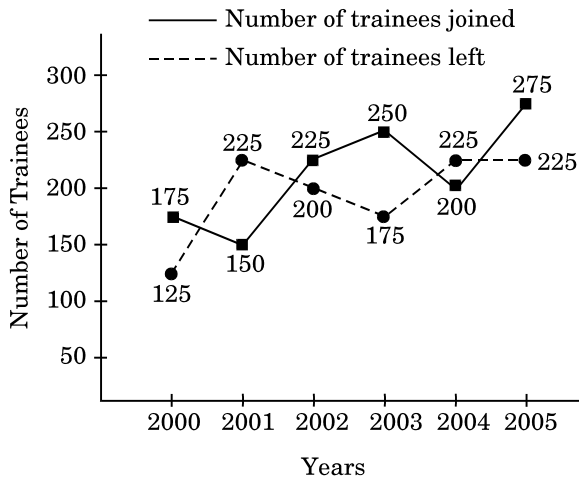

   (a) 12
   (b) 11
   (c) 15
   (d) None of the above

12. The following figure represents four different positions of the same dice. Find the number on the face opposite to the face showing 3.

   (a) 5
   (b) 6
   (c) 1
   (d) 2

13. The number of trainees in the company increased/decreased from 2001 to 2002 by approximately what percentage ?

  (a) 1·2%

  (b) 2·1%

  (c) 1·7%

  (d) 2·3%

14. The number of trainees working in the company in 2002 was what percentage of the number of trainees working in the company in 2005 ?

  (a) 93·75

  (b) 92·75

  (c) 93·25

  (d) 91·25

15. In which pair of years was the number of trainees in the company the same ?

  (a) 2000 and 2002

  (b) 2000 and 2004

  (c) 2001 and 2003

  (d) None of the above

Number of different types of illness cured by the hospital over the years (number in hundreds)

| Years	Types of illness				
	Heart Related	Eye Related	Bone Related	Digestion Related	Skin/Hair Related
2011	50	60	75	80	30
2012	80	125	90	130	40
2013	145	130	160	150	35
2014	80	90	140	90	55
2015	70	105	120	110	60

16. For what type of illness, the total number of cured patients in all 5 years is maximum ?

  (a) Heart related

  (b) Eye related

  (c) Bone related

  (d) Digestion related

17. In which of the following pair of years, were the total number of patients cured by the hospital the same ?

  (a) 2012 and 2013

  (b) 2013 and 2015

  (c) 2011 and 2013

  (d) 2012 and 2015

18. What is the approximate percentage of patients cured from eye related illness in 2014 compared to the patients cured from bone related illness in the same year ?

  (a) 64·28%

  (b) 63·28%

  (c) 61·28%

  (d) None of the above

19. In which year was the percentage of heart related patients cured to the total number of patients cured the maximum ?

  (a) 2012

  (b) 2013

  (c) 2014

  (d) 2015

20. What was the approximate percentage increase in skin/hair related patients cured in 2014 compared to that in 2011 ?

(a) 35·2%

(b) 38·5%

(c) 83·3%

(d) 48·3%

Directions (Question Nos. 21 to 23) : In a national level examination, 10000 candidates from five different cities Ahmedabad, Bangalore, Chandigarh, Delhi and Kanpur appeared for the examination. Among these candidates, 6000 candidates cleared the examination. The following pie charts represent the distribution of candidates who appeared for the examination and candidates who cleared the examination from different cities.

Candidates Appeared for the Exam = 10000
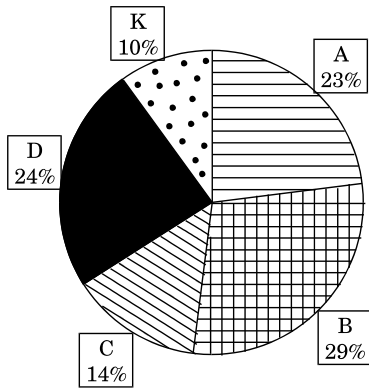
A : Ahmedabad	B : Bangalore	C : Chandigarh
D : Delhi	K : Kanpur	

Candidates Cleared the Exam = 6000
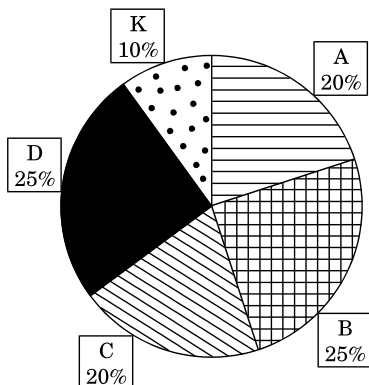
21. In which city, is the ratio of the number of candidates who cleared the exam to the number of candidates who appeared for the exam maximum ?

(a) Ahmedabad

(b) Chandigarh

(c) Delhi

(d) Kanpur

22. What is the approximate percentage of candidates who cleared the exam to the candidates who appeared for the exam from Delhi and Kanpur together ?

(a) 58%

(b) 61·76%

(c) 103%

(d) 65%

23. What is the absolute difference between the number of candidates who cleared the exam from Ahmedabad and Bangalore together and the number of candidates who appeared for the exam from Chandigarh and Delhi together ?

(a) 1000

(b) 1300

(c) 1100

(d) 700

Directions (Questions No. 24 to 28) : A company manufactures five different types of musical instruments. The sales of these instruments (in thousands) during 2005, 2009 and 2013 are shown in the following bar graph.
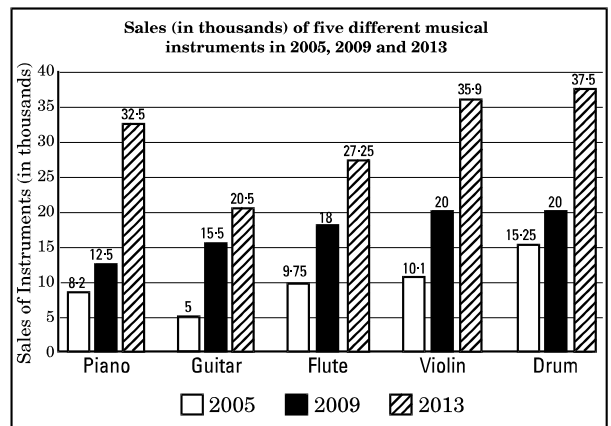
24. During the period 2009 – 2013, for which musical instrument was the rate of increase in sales minimum ?
  (a) Violin
  (b) Drum
  (c) Guitar
  (d) Flute

25. During the period 2005 – 2009, for which musical instrument was the rate of increase in sales maximum ?
  (a) Piano
  (b) Guitar
  (c) Flute
  (d) Drum

26. What is the ratio of average sales of Guitar in given 3 years to the average sales of Violin in the same period ?
  (a) 2 : 3
  (b) 41 : 66
  (c) 3 : 2
  (d) None of the above

27. For which instrument was the average sales in the given 3 years maximum ?
  (a) Drum
  (b) Violin
  (c) Flute
  (d) Piano

28. What is the approximate ratio of sales of Flutes in 2005 to the sales of Pianos in 2009 ?
  (a) 1 : 2
  (b) 2 : 3
  (c) 4 : 5
  (d) 3 : 2

Directions (Question Nos. 29 and 30) : In each of the following questions, a number series is given with one term missing. Choose the correct alternative that will continue the same pattern and replace the question mark in the given series.

29. 0·5, 0·55, 0·65, 0·8, ?
  (a) 0·9
  (b) 0·82
  (c) 1
  (d) 0·95

30. 45, 54, 47, ? , 49, 56, 51, 57, 53
  (a) 48
  (b) 50
  (c) 55
  (d) None of the above

31. In a certain code, PLEADING is written as FMHCQMFB. How is SHOULDER written in that code ?
  (a) KCDQTIPV
  (b) QDCKVPIT
  (c) QDCKTIPV
  (d) TIPVQDCK

32. In a code language, DISTANCE is written as IDTUBECN and DOCUMENT is written as ODDVNTNE. How is THURSDAY written in that language ?
  (a) DTVSTEYA
  (b) HTTQRYAD
  (c) HTVSTYDA
  (d) HTVSTYAD

33. If 1st October is Sunday, then 1st November will be
  (a) Monday
  (b) Tuesday
  (c) Wednesday
  (d) Thursday

34. Consider a class of 23 students. The average age of a student in the class is 12 years. If the age of the teacher is also included, then the average age of the class is increased by 7 months. What is the age of the teacher ?

(a) 24 years

(b) 26 years

(c) 23 years

(d) None of the above

35. Suppose there are 6 runners in a race. In how many different orders can these 6 runners finish the race if no ties are allowed ?

(a) 120

(b) 720

(c) 6

(d) None of the above

36. Ramesh saves 25% of his salary. His income is increased by 25% and he increases his expenditure by 10%. Find the percentage increase in his savings.

(a) 30%

(b) 50%

(c) 70%

(d) None of the above

37. In a school library, science books and arts books are present in the ratio 8 : 7. If 150 more books of arts are added in the library then the ratio becomes 7 : 8. What is the number of science books present in the library ?

(a) 500

(b) 560

(c) 700

(d) 850

38. A boy purchased some chocolates for ₹ 600. He could have purchased 5 more chocolates if each chocolate was cheaper by ₹ 20. The number of chocolates purchased was

(a) 10

(b) 15

(c) 25

(d) 30

39. A total of 5 litres of water is to be poured into two empty buckets with capacities of 3 litres and 6 litres respectively, such that both buckets will be filled to the same percent of their respective capacities. What amount of water, in litres, must be poured into a 3-litre bucket ?

(a) $1\dfrac{1}{3}$

(b) $1\dfrac{2}{3}$

(c) $3\dfrac{1}{3}$

(d) $3\dfrac{2}{3}$

40. The ratio of the number of Science, Arts and Commerce students studying in a school is 5 : 6 : 8. If the number of students in each stream is increased by 30%, 25% and 50% respectively, what will be the new ratio of Science, Arts and Commerce students in the school ?

(a) 13 : 15 : 24

(b) 13 : 15 : 20

(c) 15 : 14 : 24

(d) None of the above

Section B

Directions (Question Nos. 41 to 43) : In the following questions, identify the most appropriate meaning of the given word from the options given below :

41. Promiscuous

(a) Thoughtful

(b) Licentious

(c) Serious

(d) Controlled

42. Abjure

(a) Accept

(b) Receive

(c) Consent

(d) Renounce

43. Dogmatic

(a) Flexible

(b) Malleable

(c) Lithe

(d) Rigid

44. ਸ, ਖ਼, ਗ਼, ਫ਼ ਧੁਨੀਆਂ _____ ਪ੍ਰਭਾਵ ਦੀਆਂ ਸੂਚਕ ਹਨ।

(a) ਹਿੰਦੀ

(b) ਅੰਗਰੇਜ਼ੀ

(c) ਫ਼ਾਰਸੀ

(d) ਕੋਈ ਵੀ ਠੀਕ ਨਹੀਂ

45. 'ਭਾਉ' ਕਿਸ ਉਪਭਾਸ਼ਾ ਦਾ ਸ਼ਬਦ ਹੈ ?

(a) ਮਾਝੀ

(b) ਮਲਵਈ

(c) ਦੁਆਬੀ

(d) ਪੁਆਧੀ

46. ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਵਿਚ ਦੀਰਘ ਸਵਰਾਂ ਦੀ ਕਿੰਨੀ ਗਿਣਤੀ ਹੈ ?

(a) ਤਿੰਨ

(b) ਪੰਜ

(c) ਸੱਤ

(d) ਅੱਠ

47. 'ਕਬਰ ਚੁਨੇ-ਗੱਚ ਮੁਰਦਾ ਬੇਈਮਾਨ' ਅਖਾਣ ਦਾ ਅਰਥ ਸਪਸ਼ਟ ਕਰੋ :

(a) ਬੰਦੇ ਦਾ ਸਾਫ ਦਿਲ ਹੋਣਾ

(b) ਉਪਰੋਂ ਸਾਫ ਪਰ ਮਨ ਵਿਚ ਬੁਰਾਈ

(c) ਬੰਦੇ ਦੀ ਹਿੰਮਤ ਹਾਰ ਜਾਣੀ

(d) ਗੱਲ-ਗੱਲ ਉੱਤੇ ਖਿਝਣਾ

48. 'ਆਸ਼ਾ ਬਹੁਤ ਸੋਹਣਾ ਗਾਉਂਦੀ ਹੈ' ਵਾਕ ਵਿੱਚ 'ਸੋਹਣਾ' ਕਿਸ ਸ਼ਬਦ ਸ਼੍ਰੇਣੀ ਵਿਚ ਆਉਂਦਾ ਹੈ :

(a) ਵਿਸ਼ੇਸ਼ਣ

(b) ਨਾਂਵ

(c) ਕਿਰਿਆ

(d) ਕਿਰਿਆ ਵਿਸ਼ੇਸ਼ਣ

49. ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਵਿੱਚ ਸਵਰ ਧੁਨੀਆਂ ਦੀ ਗਿਣਤੀ ਕਿੰਨੀ ਹੈ ?

(a) ਦਸ

(b) ਪੰਦਰਾਂ

(c) ਤਿੰਨ

(d) ਸੱਤ

50. Choose the correct statements :

I. Joe Biden will be the 46th President of the US.

II. Kamala Harris will be the first female Vice President in American history.

III. Donald Trump actively advocated for a global unity on Paris Climate Accord.

(a) Only I

(b) Only I and II

(c) Only II

(d) All are correct

51. Panini and Patanjali are the renowned names in the literary history of ancient India. They flourished under which dynasty ?

(a) Pushyabhuti

(b) Sungas

(c) Kushanas

(d) Guptas

52. The remains of the Vijayanagar empire can be found in

(a) Bijapur

(b) Golconda

(c) Hampi

(d) Baroda

53. Who among the following attended all the three Round Table Conferences ?

(a) B.R. Ambedkar

(b) M.M. Malaviya

(c) Vallabhbhai Patel

(d) M.K. Gandhi

54. On September 20, 1932 Mahatma Gandhi began a fast unto death in Yerwada Jail against

(a) British repression of the satyagrahis

(b) Violation of the Gandhi-Irwin Pact

(c) Communal Award of Ramsay Macdonald

(d) Communal riots in Calcutta

55. Who wrote the play *'Andher Nagari Chaupat Raja'* ?

(a) Govardhanram M. Tripathi

(b) Munshi Premchand

(c) Fakir Mohan Senapati

(d) Bhartendu Harishchandra

56. When Congress leaders condemned the Montague-Chelmsford Report, many moderates left the party to form the

(a) Swarajya Party

(b) Indian Freedom Party

(c) Independence Federation of India

(d) Indian Liberal Federation

57. On February 20, 1947, Prime Minister Attlee announced the British Government's decision to withdraw from India latest by

(a) August 1947

(b) January 1948

(c) June 1948

(d) August 1948

58. The newspapers/weeklies that have been the mouthpiece of different nationalists are paired here with the founder :

I. New India Commonwealth : Annie Besant

II. Comrade : Maulana Mohammad Ali

III. Sanjivani : K.K. Mitra

IV. Vanguard of Indian Independence : M.N. Roy

Select the code for the correct statements :

(a) I, II and III

(b) I, III and IV

(c) II and IV

(d) All of the above

59. In which year were the five districts and the tribal areas taken away from Punjab to create the North-West Frontier Province ?
  - (a) 1904
  - (b) 1935
  - (c) 1901
  - (d) 1911

60. In 1940, Vinoba Bhave started individual Satyagraha from
  - (a) Nadiad in Khera district, Gujarat
  - (b) Pavnar, Maharashtra
  - (c) Punnapra – Vayalar, Kerala
  - (d) Guntur, Andhra Pradesh

61. Which unit of valuation is known as 'paper gold' ?
  - (a) Euro dollar
  - (b) Petro dollar
  - (c) Special Drawing Rights
  - (d) Global Depository Receipt

62. Tobin Tax refers to
  - (a) A levy on local bodies which do not utilize their funds properly
  - (b) A tax to prevent speculation in shares
  - (c) A tax to prevent speculative flight of capital
  - (d) A tax on expenditure on luxury items

63. Which one of the following pairs is *incorrectly* matched ?
  - (a) Rourkela Steel Plant : Germany
  - (b) Bokaro Steel Plant : Sweden
  - (c) Bhilai Steel Plant : Russia
  - (d) Durgapur Steel Plant : UK

64. Match the following lists :

List I		*List II*
A. Backwaters	I.	Goa
B. Buckingham Canal	II.	Kerala
C. Cumbarjua Canal	III.	Tamil Nadu and Andhra Pradesh

  Codes :

	A	**B**	**C**
(a)	I	II	III
(b)	II	III	I
(c)	II	I	III
(d)	I	III	II

65. Consider the following statements :
  - I. Black soil in India relates its genesis to Deccan trap.
  - II. Dhupgarh is the highest peak of the Indian Peninsula.
  - III. Kudremukh peak is associated with rich iron-ore reserves.

  Which of the statements given above are correct ?
  - (a) II and III
  - (b) I and II
  - (c) I and III
  - (d) All of the above

66. Point Calimere is a region famous for its magnificent mangrove vegetation, deltaic feature and marine climate. The region is situated on the mouth of which Indian river ?
  - (a) Mahanadi
  - (b) Vaigai
  - (c) Godavari
  - (d) Cauvery

67. Which one of the following is a landlocked harbour ?

   (a) Visakhapatnam

   (b) Ennore

   (c) Mumbai

   (d) Haldia

68. Which one of the following pairs of islands is separated from each other by the 'Ten Degree Channel' ?

   (a) Andaman and Nicobar

   (b) Nicobar and Sumatra

   (c) Maldives and Lakshadweep

   (d) Sumatra and Java

69. Consider the following pairs :

Hills	*Region*
I. Cardamom hills	: Coromandel Coast
II. Kaimur hills	: Konkan Coast
III. Mahadeo hills	: Central India
IV. Mikir hills	: North-East India

Which of the above pairs are correctly matched ?

   (a) I and II

   (b) II and III

   (c) III and IV

   (d) II and IV

70. Consider the following pairs :

Tributary River	*Main River*
I. Chambal	: Narmada
II. Sone	: Yamuna
III. Manas	: Brahmaputra

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

   (a) I, II and III

   (b) I and II

   (c) II and III

   (d) Only III

71. Which one of the following rivers originates at Amarkantak ?

   (a) Damodar

   (b) Mahanadi

   (c) Narmada

   (d) Tapti

72. Consider the following statements regarding CITES (Convention on International Trade in Endangered Species of Wild Fauna and Flora) :

   I. It aims to ensure that international trade in specimens of wild animals and plants does not threaten their survival.

   II. It is an international agreement between corporates and non-governmental organisations.

   III. The 'Monitoring the Illegal Killing of Elephants' (MIKE) programme is established under it.

Which of the statements given above are correct ?

   (a) I and II

   (b) I and III

   (c) II and III

   (d) I, II and III

73. Blue Flag Programme seeks

   (a) To promote the use of Blue tablet to fight anaemia in kids

   (b) To promote sustainable development in fresh water and marine areas

   (c) To promote ecotourism in Andaman and Nicobar Islands

   (d) To promote the inland water fisheries in Ganges and its tributaries

74. The biosphere is the zone of the Earth where life is found. It includes parts of

   I. Hydrosphere

   II. Lithosphere

   III. Stratosphere

   IV. Troposphere

   Select the correct answer using the codes given below :

   (a) I and IV

   (b) II, III and IV

   (c) I and III

   (d) I, II and IV

75. Consider the following statements regarding the role of CAG :

   I. CAG is called the friend, philosopher and guide of the Public Accounts Committee of the Parliament.

   II. It has no control over the issue of money from the Consolidated Fund of India.

   III. It is concerned only at the audit stage when the expenditure has already been taken place.

   Which of the statements given above are correct ?

   (a) I and II

   (b) I and III

   (c) II and III

   (d) All of the above

76. Which one of the following articles makes provision for the reservation of SC/ST in government services ?

   (a) Article 332

   (b) Article 333

   (c) Article 334

   (d) Article 335

77. Which was the first Indian State to establish the institution of Lokayukta ?

   (a) Bihar

   (b) Uttar Pradesh

   (c) Andhra Pradesh

   (d) Maharashtra

78. The creation of a new State in India from an existing State involves the consent of the

   I. Supreme Court

   II. Legislature of the State concerned

   III. President

   IV. Parliament

   Select the correct answer using the codes given below :

   (a) I, II and III

   (b) II, III and IV

   (c) Only IV

   (d) All of the above

79. As per Article 241, who can constitute a High Court for a Union Territory or declare any court in any such territory to be a High Court for all or any of the purposes of the Constitution ?

   (a) The President of India

   (b) The Supreme Court

   (c) The Parliament

   (d) The Union Cabinet

80. Who among the following is/are appointed by the President of India ?

I. The Chairman of the State Public Service Commission

II. The Chief Minister of State

III. The Chief Election Commissioner and other Election Commissioners

IV. The Attorney General of India

Select the correct answer using the codes given below :

(a) Only IV

(b) I, III and IV

(c) III and IV

(d) All of the above

81. The resolution for removing the Vice President of India can be moved in

(a) the Lok Sabha

(b) either House of Parliament

(c) the joint sitting of Parliament

(d) the Rajya Sabha

82. Consider the following statements about the Governor :

I. He submits his resignation letter to the Chief Justice of the State.

II. He should have completed 35 years of age.

III. His emoluments, allowances and privileges are determined by the President.

IV. No criminal proceedings can be instituted against him.

Which of the statements given above are *incorrect* ?

(a) I and III

(b) II, III and IV

(c) I, III and IV

(d) II and IV

83. What will follow, if a Money Bill is substantially amended by the Rajya Sabha ?

(a) The Lok Sabha may still proceed with the bill, accepting or not accepting the recommendations of the Rajya Sabha.

(b) The Lok Sabha cannot consider the bill further.

(c) The Lok Sabha may send the bill to the Rajya Sabha for reconsideration.

(d) The President may call a joint sitting for passing the bill.

84. Consider the following statements :

I. The process of removal of a judge of a High Court in India is same as that of removal of a Judge of the Supreme Court.

II. After retirement from office, a permanent Judge of a High Court cannot plead or act in any court or before any authority in India.

Which of the statements given above is/are correct ?

(a) Only I

(b) Only II

(c) Both I and II

(d) Neither I nor II

85. Who was the Chief Justice of India, when Public Interest Litigation (PIL) was introduced to the Indian Judicial System ?

(a) M. Hidayatullah

(b) A.M. Ahmadi

(c) A.S. Anand

(d) P.N. Bhagwati

86. For 'DigiLocker', which of the following statements is/are correct ?

    I.   It is a digital locker system offered by the Government under Digital India Programme.

    II.   It allows you to access your e-documents irrespective of your physical location.

Select the correct answer using the codes given below :

(a) Only I

(b) Only II

(c) Both I and II

(d) Neither I nor II

87. Which one of the following pairs is ***not*** correctly matched ?

    Country   *Share Market*

(a) Japan   : Nikkei

(b) Singapore : SHCOMP

(c) UK   : FTSE

(d) USA   : Nasdaq

88. Choose the code for correct statements :

    I.   The government recently revised the base year for computing Consumer Price Index for Industrial Workers (CPI-IW) from 2001 to 2016.

    II.   The CPI-IW is used primarily for measuring the Dearness Allowance (DA) payable to workers in organized sector including banks and PSUs.

(a) Only I

(b) Only II

(c) Both I and II

(d) None of the above

89. Which among the following countries recently launched talks to address a long running maritime border dispute after a gap of 30 years ?

(a) Syria and Turkey

(b) Israel and Lebanon

(c) Israel and Syria

(d) Lebanon and Syria

90. Recently in news, the Kholongchhu hydroelectric project is to be constructed in

(a) Sikkim

(b) Arunachal Pradesh

(c) Bhutan

(d) Myanmar

91. 'TB Harega Desh Jeetega' campaign aims to eradicate TB in India by

(a) 2022

(b) 2025

(c) 2028

(d) 2030

92. Match the following :

    List I   *List II*

A. G.K. Menon I. Journalist

B. Rahat Indori II. Poet

C. C.S. Seshadri III. Mathematician

D. Gita Ramjee IV. Virologist

Choose the correct codes :

	A	**B**	**C**	**D**
(a)	III	II	I	IV
(b)	I	II	IV	III
(c)	I	II	III	IV
(d)	II	I	IV	III

93. Which among the following countries have topped the Global Innovative Policy Centre's (GIPC) Intellectual Property Index, 2020 ?

(a) USA

(b) Israel

(c) Japan

(d) China

94. Choose the code for correct statements :

I. The Employee Provident Fund Organisation (EPFO) works under the Ministry of Labour and Employment, Government of India.

II. The EPFO has increased the interest rate on EPF deposits for 2019 – 20 from 8·5% to 8·65%.

(a) Only I

(b) Only II

(c) Both I and II

(d) None of the above

95. Who releases the Gender Social Norms Index (GSNI) ?

(a) UNDP

(b) WHO

(c) IUCN

(d) UNICEF

96. SwasthVayu is

(a) A campaign under Tandarust Punjab to raise awareness against stubble burning

(b) An Air Quality Index developed by Punjab Pollution Control Board

(c) A non-invasive Ventilator to treat COVID-19 patients

(d) A campaign started in Nagpur to check the dwindling forest cover of Maharashtra

97. Choose the correct statements about NEP 2020 :

I. National Education Policy, 2020 is formulated on basis of recommendations of K. Kasturirangan Committee.

II. NEP 2020 advocates for mother tongue/local/regional language as the medium of instruction at least till Grade 5.

III. NEP 2020 provides for setting up of Gender Inclusion Fund and Special Education Zones for disadvantaged regions and groups.

IV. NEP 2020 aims to increase Gross Enrolment Ratio in higher education to 65% by 2030.

V. Higher Education Commission of India (HECI) to be set up for medical and legal education.

(a) Only II and III

(b) Only I, II and IV

(c) Only I, II and III

(d) All are correct

98. A mirror is preferred over a lens for collecting solar heat because

(a) There is absorption of heat by a lens

(b) There is no dispersion of rays by a mirror

(c) There is absorption of heat by a mirror

(d) There is dispersion of rays by a mirror

99. 'Sidh Gosht' is a composition of which of the following Gurus ?

(a) Guru Amar Das Ji

(b) Guru Nanak Dev Ji

(c) Guru Angad Dev Ji

(d) Guru Gobind Singh Ji

100. The crackling sound, heard when dry hair is combed with a hard rubber comb, is due to

(a) The hair banging against the charged comb

(b) Small electric sparks

(c) The rubbing of the comb with the hair

(d) None of the above

101. Which Union Ministry has launched the TOPS Junior Scheme ?

(a) Agriculture

(b) Youth Affairs and Sports

(c) Human Resources Development

(d) Commerce and Industry

102. Butter floats in droplets on the surface of a hot soup. But when the soup cools, the droplets spread out to form a thin layer on the surface. This happens because

(a) Butter is less dense than the soup

(b) Butter is more viscous than the soup

(c) Surface tension of the soup increases on cooling

(d) Butter forms an insulation layer to slow down cooling

103. On the moon, an astronaut cannot drink lemonade with the help of a straw because

(a) Acceleration due to gravity on the moon is less

(b) There is no atmosphere on the moon

(c) Lemonade evaporates instantaneously on the moon

(d) None of the above

104. CHAMPIONS is

(a) A technology platform as a one stop solution for MSMEs grievances and opportunities

(b) A programme to encourage maximum participation of U-14 girls in KHELO INDIA games

(c) A support scheme for U-14 kids who exhibit extraordinary courage to protect others

(d) A scholarship scheme for the top scorers of government schools in various entrance exams for undergraduate courses

105. The disease, sickle-cell anaemia, is caused by

(a) Iron deficiency

(b) Malarial infection

(c) Poor hygiene

(d) None of the above

106. The polio virus enters the body through
   (a) Mosquito bites
   (b) Tick bites
   (c) Contaminated food and water
   (d) Saliva and secretion from the nose

107. 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 ?
   (a) Henbane
   (b) Indian hemp
   (c) Poppy
   (d) Rauwolfia

108. Which one of the following group of diseases spreads through mosquito bites among humans ?
   (a) Malaria, Filariasis, Poliomyelitis
   (b) Ancylostomiasis, Ringworm, Dengue fever
   (c) Dengue fever, Japanese encephalitis, Yellow fever
   (d) Filariasis, Malaria, Ascariasis

109. The recently set up, National Start-up Advisory Council is chaired by the
   (a) Prime Minister
   (b) NITI Aayog Vice Chairman
   (c) Union Home Minister
   (d) Union Commerce Minister

110. The most powerful eye irritant present in smog is
   (a) Ozone
   (b) Nitric oxide
   (c) Peroxyacetyl nitrate
   (d) Sulphur dioxide

111. In olden days when refrigerators did not exist, it was customary to boil milk twice or thrice in a day to prevent it from becoming sour, the reason being
   (a) Denaturation of the milk protein, casein
   (b) Killing lactobacilli that convert milk into curd
   (c) Pasteurization of milk
   (d) All of the above

112. Xerophthalmia is caused by the dietary deficiency of
   (a) Protein
   (b) Vitamin A
   (c) Riboflavin
   (d) Unsaturated fatty acids, linoleic and linoleic acids

113. DDT, an organochlorine compound, used first to control malaria, carried in mosquitoes and later to a variety of insects/pests, is now banned because
   (a) It brings about a change in sex chromosomes
   (b) It persists in the environment and bioaccumulates
   (c) It increases its affinity hundred-fold for haemoglobin preventing its coupling with oxygen
   (d) All of the above

114. Silicosis is a
   (a) Kidney disease
   (b) Liver disease
   (c) Lung disease
   (d) Neurological disorder

Directions : *Question No. 115 consists of two statements, one labelled Assertion (A), and the other as Reason (R). Examine the two statements carefully and select your answer from the codes given below :*

(a) Both (A) and (R) are true, and (R) is the correct explanation of (A)

(b) Both (A) and (R) are true, but (R) is not the correct explanation of (A)

(c) (A) is true, but (R) is false

(d) (A) is false, but (R) is true

115. *Assertion (A)* : PVC wires burnt by scrap dealers to extract copper are a breathing hazard.

Reason (R) : Burning PVC releases dioxin which is one of the most toxic chemicals in the world.

116. SUMAN Scheme aims

(a) To rehabilitate acid attack victims

(b) To reduce maternal and infant mortality rates in the country

(c) To provide scholarship to girls for higher education

(d) To empower all women SHGs in the country via interest free loans

117. In hospitals, the oxygen tubes for respiration contain oxygen and

(a) Nitrogen

(b) Helium

(c) Argon

(d) Carbon dioxide

118. Cytotron is

(a) A cyclotron developed by the students of IIT-Roorkee

(b) A breakthrough device in liver and breast cancer treatment

(c) A super computer developed by IISC, Bangalore

(d) A surgical robot to perform the complicated cardiac surgeries with 100% perfection

Directions (Question Nos. 119 and 120) : *Fill in the Past Tense or Past Participle of the verb given.*

119. *Sink* His voice gradually _____ to a whisper.

And thousands had _____ to the ground overpower'd.

(a) Sunk, Sunk

(b) Sank, Sunk

(c) Sunk, Sunken

(d) Sinking, Sank

120. *Beat* On the arrival of a policeman, he _____ a hasty retreat. He _____ the Afghans in a bloody battle.

It was not the only battle in which they were _____ .

(a) beated, beat, beaten

(b) beated, beated, beaten

(c) beats, beat, beated

(d) beat, beat, beaten

SPACE FOR ROUGH WORK

SPACE FOR ROUGH WORK

(B – 20)