

Booklet Sr. No. _____



Question Booklet
Set

Candidate's Name _____

Father's Name _____

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

C

OMR Response Sheet No. _____ Roll No. _____

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

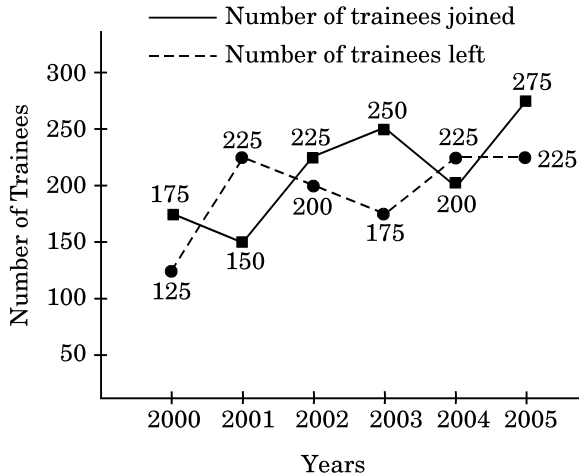
Total Questions : 120
Time Allowed : 2 Hours

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) : The following line graph represents the number of trainees who joined and left the company in the beginning of the year for six years, from 2000 to 2005. The initial strength of the company in 2000 was 1500.



- The number of trainees in the company increased/decreased from 2001 to 2002 by approximately what percentage ?
 - 1.2%
 - 2.1%
 - 1.7%
 - 2.3%
- The number of trainees working in the company in 2002 was what percentage of the number of trainees working in the company in 2005 ?
 - 93.75
 - 92.75
 - 93.25
 - 91.25
- In which pair of years was the number of trainees in the company the same ?
 - 2000 and 2002
 - 2000 and 2004
 - 2001 and 2003
 - None of the above

Directions (Question Nos. 4 to 8) : The following table provides the details about the number of patients cured by a hospital over the years.

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

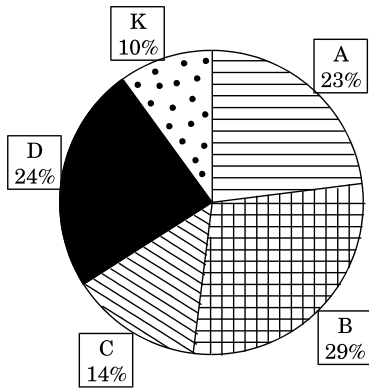
Years	Types of illness				
	Heart Related	Eye Related	Bone Related	Digestion Related	Skin/Hair Related
2011	50	60	75	80	30
2012	80	125	90	130	40
2013	145	130	160	150	35
2014	80	90	140	90	55
2015	70	105	120	110	60

- For what type of illness, the total number of cured patients in all 5 years is maximum ?
 - Heart related
 - Eye related
 - Bone related
 - Digestion related
- In which of the following pair of years, were the total number of patients cured by the hospital the same ?
 - 2012 and 2013
 - 2013 and 2015
 - 2011 and 2013
 - 2012 and 2015
- 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 ?
 - 64.28%
 - 63.28%
 - 61.28%
 - None of the above
- In which year was the percentage of heart related patients cured to the total number of patients cured the maximum ?
 - 2012
 - 2013
 - 2014
 - 2015

8. What was the approximate percentage increase in skin/hair related patients cured in 2014 compared to that in 2011 ?
- 35.2%
 - 38.5%
 - 83.3%
 - 48.3%

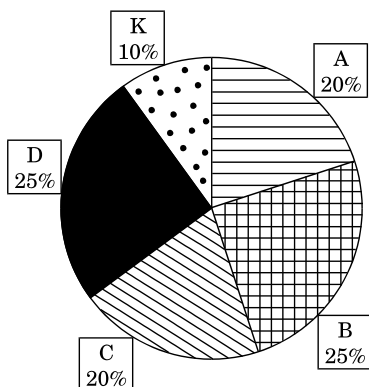
Directions (Question Nos. 9 to 11) : In a national level examination, 10000 candidates from five different cities Ahmedabad, Bangalore, Chandigarh, Delhi and Kanpur appeared for the examination. Among these candidates, 6000 candidates cleared the examination. The following pie charts represent the distribution 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

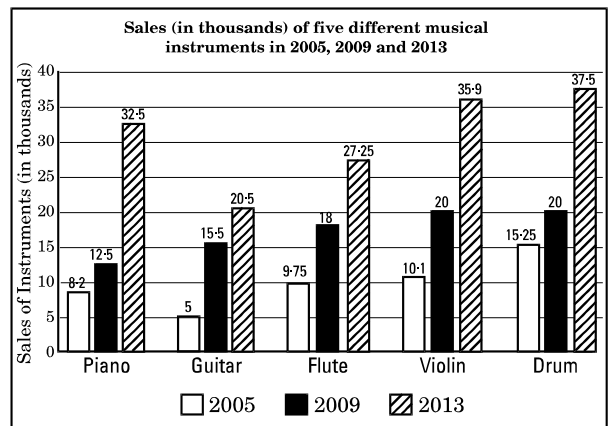


9. In which city, is the ratio of the number of candidates who cleared the exam to the number of candidates who appeared for the exam maximum ?
- Ahmedabad
 - Chandigarh
 - Delhi
 - Kanpur

10. What is the approximate percentage of candidates who cleared the exam to the candidates who appeared for the exam from Delhi and Kanpur together ?
- 58%
 - 61.76%
 - 103%
 - 65%

11. 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 ?
- 1000
 - 1300
 - 1100
 - 700

Directions (Questions No. 12 to 16) : 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.



12. During the period 2009 – 2013, for which musical instrument was the rate of increase in sales minimum ?
- Violin
 - Drum
 - Guitar
 - Flute
13. During the period 2005 – 2009, for which musical instrument was the rate of increase in sales maximum ?
- Piano
 - Guitar
 - Flute
 - Drum
14. What is the ratio of average sales of Guitar in given 3 years to the average sales of Violin in the same period ?
- 2 : 3
 - 41 : 66
 - 3 : 2
 - None of the above
15. For which instrument was the average sales in the given 3 years maximum ?
- Drum
 - Violin
 - Flute
 - Piano
16. What is the approximate ratio of sales of Flutes in 2005 to the sales of Pianos in 2009 ?
- 1 : 2
 - 2 : 3
 - 4 : 5
 - 3 : 2

Directions (Question Nos. 17 and 18) : 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.

17. 0.5, 0.55, 0.65, 0.8, ?
- 0.9
 - 0.82
 - 1
 - 0.95
18. 45, 54, 47, ?, 49, 56, 51, 57, 53
- 48
 - 50
 - 55
 - None of the above
19. In a certain code, PLEADING is written as FMHCQMFB. How is SHOULDER written in that code ?
- KCDQTIPV
 - QDCKVPIT
 - QDCKTIPV
 - TIPVQDCK
20. In a code language, DISTANCE is written as IDTUBECN and DOCUMENT is written as ODDVNTNE. How is THURSDAY written in that language ?
- DTVSTEYA
 - HTTQRYAD
 - HTVSTYDA
 - HTVSTYAD
21. If 1st October is Sunday, then 1st November will be
- Monday
 - Tuesday
 - Wednesday
 - Thursday

22. 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
23. 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
24. 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
25. 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
26. 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
27. 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) $1\frac{1}{3}$
(b) $1\frac{2}{3}$
(c) $3\frac{1}{3}$
(d) $3\frac{2}{3}$
28. 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

Directions (Question Nos. 29 to 31) : 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.

29. 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

30. 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

31. 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. 32 to 36) : Read the following information carefully to answer the questions :

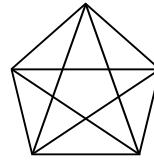
- I. Seven children Bobby, John, Surya, Sonika, Neha, Taran and Ram are sitting around a circular table facing towards the centre.
- II. Neha is neighbour of Bobby and Sonika.
- III. Ram is not between Taran and Surya.
- IV. Exactly one child is sitting between Taran and Surya.
- V. Taran is sitting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

32. Who is the neighbour of Ram ?

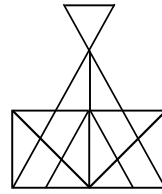
- (a) Surya and Sonika
- (b) John and Sonika
- (c) John and Neha
- (d) Taran and Sonika

33. What is the position of Taran ?
- Third to the left of Surya
 - Second to the right of Surya
 - To the immediate right of John
 - None of the above
34. Who is sitting between John and Ram ?
- Taran
 - Boby
 - Surya
 - None of the above
35. Which of the following pair of children has the second child sitting immediately to the right of the first ?
- Boby, John
 - Neha, Boby
 - Surya, John
 - Sonika, Ram
36. Which of the children are sitting adjacent to each other from left to right (in counter clockwise direction) in the order as shown ?
- Taran, John, Surya
 - John, Ram, Surya
 - Surya, Sonika, Neha
 - Neha, Sonika, Ram
37. 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 ?
- 30
 - 50
 - 60
 - None of the above

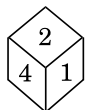
38. What is the number of triangles in the figure below ?



- 8
 - 6
 - 12
 - None of the above
39. What is the minimum number of lines required to draw the below figure ?



- 12
 - 11
 - 15
 - None of the above
40. The following figure represents four different positions of the same dice. Find the number on the face opposite to the face showing 3.



- 5
- 6
- 1
- 2

Section B

41. 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
42. 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
43. Which unit of valuation is known as 'paper gold' ?
- (a) Euro dollar
(b) Petro dollar
(c) Special Drawing Rights
(d) Global Depository Receipt
44. 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
45. 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

46. 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

47. 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

48. 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

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

- (a) Visakhapatnam
- (b) Ennore
- (c) Mumbai
- (d) Haldia

50. 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

51. Consider the following pairs :

<i>Hills</i>	<i>Region</i>
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

52. 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

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

- (a) Damodar
- (b) Mahanadi
- (c) Narmada
- (d) Tapti

54. 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

- 55.** Blue Flag Programme seeks
- To promote the use of Blue tablet to fight anaemia in kids
 - To promote sustainable development in fresh water and marine areas
 - To promote ecotourism in Andaman and Nicobar Islands
 - To promote the inland water fisheries in Ganges and its tributaries
- 56.** The biosphere is the zone of the Earth where life is found. It includes parts of
- Hydrosphere
 - Lithosphere
 - Stratosphere
 - Troposphere
- Select the correct answer using the codes given below :
- I and IV
 - II, III and IV
 - I and III
 - I, II and IV
- 57.** Consider the following statements regarding the role of CAG :
- CAG is called the friend, philosopher and guide of the Public Accounts Committee of the Parliament.
 - It has no control over the issue of money from the Consolidated Fund of India.
 - It is concerned only at the audit stage when the expenditure has already been taken place.
- Which of the statements given above are correct ?
- I and II
 - I and III
 - II and III
 - All of the above
- 58.** Which one of the following articles makes provision for the reservation of SC/ST in government services ?
- Article 332
 - Article 333
 - Article 334
 - Article 335
- 59.** Which was the first Indian State to establish the institution of Lokayukta ?
- Bihar
 - Uttar Pradesh
 - Andhra Pradesh
 - Maharashtra
- 60.** The creation of a new State in India from an existing State involves the consent of the
- Supreme Court
 - Legislature of the State concerned
 - President
 - Parliament
- Select the correct answer using the codes given below :
- I, II and III
 - II, III and IV
 - Only IV
 - All of the above
- 61.** 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 ?
- The President of India
 - The Supreme Court
 - The Parliament
 - The Union Cabinet

- 62.** 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
- 63.** 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
- 64.** 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
- 65.** 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.
- 66.** 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
- 67.** 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

- 68.** For 'DigiLocker', which of the following statements is/are correct ?
- It is a digital locker system offered by the Government under Digital India Programme.
 - It allows you to access your e-documents irrespective of your physical location.

Select the correct answer using the codes given below :

- Only I
- Only II
- Both I and II
- Neither I nor II

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

<i>Country</i>	<i>Share Market</i>
(a) Japan	: Nikkei
(b) Singapore	: SHCOMP
(c) UK	: FTSE
(d) USA	: Nasdaq

- 70.** Choose the code for correct statements :

- The government recently revised the base year for computing Consumer Price Index for Industrial Workers (CPI-IW) from 2001 to 2016.
 - The CPI-IW is used primarily for measuring the Dearness Allowance (DA) payable to workers in organized sector including banks and PSUs.
- Only I
 - Only II
 - Both I and II
 - None of the above

- 71.** Which among the following countries recently launched talks to address a long running maritime border dispute after a gap of 30 years ?
- Syria and Turkey
 - Israel and Lebanon
 - Israel and Syria
 - Lebanon and Syria

- 72.** Recently in news, the Kholongchhu hydroelectric project is to be constructed in
- Sikkim
 - Arunachal Pradesh
 - Bhutan
 - Myanmar

- 73.** 'TB Harega Desh Jeetega' campaign aims to eradicate TB in India by
- 2022
 - 2025
 - 2028
 - 2030

- 74.** Match the following :

<i>List I</i>	<i>List II</i>
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

75. 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

76. 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

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

- (a) UNDP
- (b) WHO
- (c) IUCN
- (d) UNICEF

78. 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

79. 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

80. A mirror is preferred over a lens for collecting solar heat because
- There is absorption of heat by a lens
 - There is no dispersion of rays by a mirror
 - There is absorption of heat by a mirror
 - There is dispersion of rays by a mirror
81. 'Sidh Gosht' is a composition of which of the following Gurus ?
- Guru Amar Das Ji
 - Guru Nanak Dev Ji
 - Guru Angad Dev Ji
 - Guru Gobind Singh Ji
82. The crackling sound, heard when dry hair is combed with a hard rubber comb, is due to
- The hair banging against the charged comb
 - Small electric sparks
 - The rubbing of the comb with the hair
 - None of the above
83. Which Union Ministry has launched the TOPS Junior Scheme ?
- Agriculture
 - Youth Affairs and Sports
 - Human Resources Development
 - Commerce and Industry
84. 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
- Butter is less dense than the soup
 - Butter is more viscous than the soup
 - Surface tension of the soup increases on cooling
 - Butter forms an insulation layer to slow down cooling
85. On the moon, an astronaut cannot drink lemonade with the help of a straw because
- Acceleration due to gravity on the moon is less
 - There is no atmosphere on the moon
 - Lemonade evaporates instantaneously on the moon
 - None of the above
86. CHAMPIONS is
- A technology platform as a one stop solution for MSMEs grievances and opportunities
 - A programme to encourage maximum participation of U-14 girls in KHELO INDIA games
 - A support scheme for U-14 kids who exhibit extraordinary courage to protect others
 - A scholarship scheme for the top scorers of government schools in various entrance exams for undergraduate courses
87. The disease, sickle-cell anaemia, is caused by
- Iron deficiency
 - Malarial infection
 - Poor hygiene
 - None of the above

88. The polio virus enters the body through
- Mosquito bites
 - Tick bites
 - Contaminated food and water
 - Saliva and secretion from the nose
89. 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
90. Which one of the following group of diseases spreads through mosquito bites among humans ?
- Malaria, Filariasis, Poliomyelitis
 - Ancylostomiasis, Ringworm, Dengue fever
 - Dengue fever, Japanese encephalitis, Yellow fever
 - Filariasis, Malaria, Ascariasis
91. The recently set up, National Start-up Advisory Council is chaired by the
- Prime Minister
 - NITI Aayog Vice Chairman
 - Union Home Minister
 - Union Commerce Minister
92. The most powerful eye irritant present in smog is
- Ozone
 - Nitric oxide
 - Peroxyacetyl nitrate
 - Sulphur dioxide
93. 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
- Denaturation of the milk protein, casein
 - Killing lactobacilli that convert milk into curd
 - Pasteurization of milk
 - All of the above
94. Xerophthalmia is caused by the dietary deficiency of
- Protein
 - Vitamin A
 - Riboflavin
 - Unsaturated fatty acids, linoleic and linoleic acids
95. DDT, an organochlorine compound, used first to control malaria, carried in mosquitoes and later to a variety of insects/pests, is now banned because
- It brings about a change in sex chromosomes
 - It persists in the environment and bioaccumulates
 - It increases its affinity hundred-fold for haemoglobin preventing its coupling with oxygen
 - All of the above
96. Silicosis is a
- Kidney disease
 - Liver disease
 - Lung disease
 - Neurological disorder

Directions : Question No. 97 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

97. 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.

98. 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

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

- (a) Nitrogen
- (b) Helium
- (c) Argon
- (d) Carbon dioxide

100. 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. 101 and 102) : Fill in the Past Tense or Past Participle of the verb given.

101. 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

102. 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

Directions (Question Nos. 103 to 105) : In the following questions, identify the most appropriate meaning of the given word from the options given below :

103. Promiscuous

- (a) Thoughtful
- (b) Licentious
- (c) Serious
- (d) Controlled

104. Abjure

- (a) Accept
- (b) Receive
- (c) Consent
- (d) Renounce

105. Dogmatic

- (a) Flexible
- (b) Malleable
- (c) Lithe
- (d) Rigid

106. ਸ, ਖ, ਗ, ਫ਼ ਧੁਨੀਆਂ _____ ਪ੍ਰਭਾਵ ਦੀਆਂ ਸੂਚਕ ਹਨ।

- (a) ਹਿੰਦੀ
- (b) ਅੰਗਰੇਜ਼ੀ
- (c) ਫ਼ਾਰਸੀ
- (d) ਕੋਈ ਵੀ ਠੀਕ ਨਹੀਂ

107. 'ਭਾਉ' ਕਿਸ ਉਪਭਾਸ਼ਾ ਦਾ ਸ਼ਬਦ ਹੈ ?

- (a) ਮਾਝੀ
- (b) ਮਲਵਈ
- (c) ਦੁਆਬੀ
- (d) ਪੁਆਧੀ

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

- (a) ਤਿੰਨ
- (b) ਪੰਜ
- (c) ਸੱਤ
- (d) ਅੱਠ

109. 'ਕਬਰ ਚੂਨੇ-ਗੱਚ ਮੁਰਦਾ ਬੇਈਮਾਨ' ਅਖਾਣ ਦਾ ਅਰਥ ਸਪਸ਼ਟ ਕਰੋ :

- (a) ਬੰਦੇ ਦਾ ਸਾਫ਼ ਦਿਲ ਹੋਣਾ
- (b) ਉਪਰੋਂ ਸਾਫ਼ ਪਰ ਮਨ ਵਿਚ ਬੁਰਾਈ
- (c) ਬੰਦੇ ਦੀ ਹਿੰਮਤ ਹਾਰ ਜਾਣੀ
- (d) ਗੱਲ-ਗੱਲ ਉੱਤੇ ਖਿਝਣਾ

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

- (a) ਵਿਸ਼ੇਸ਼ਣ
- (b) ਨਾਂਵ
- (c) ਕਿਰਿਆ
- (d) ਕਿਰਿਆ ਵਿਸ਼ੇਸ਼ਣ

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

- (a) ਦਸ
- (b) ਪੰਦਰਾਂ
- (c) ਤਿੰਨ
- (d) ਸੱਤ

112. 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

- 113.** Panini and Patanjali are the renowned names in the literary history of ancient India. They flourished under which dynasty ?
- Pushyabhuti
 - Sungas
 - Kushanas
 - Guptas
- 114.** The remains of the Vijayanagar empire can be found in
- Bijapur
 - Golconda
 - Hampi
 - Baroda
- 115.** Who among the following attended all the three Round Table Conferences ?
- B.R. Ambedkar
 - M.M. Malaviya
 - Vallabhbhai Patel
 - M.K. Gandhi
- 116.** On September 20, 1932 Mahatma Gandhi began a fast unto death in Yerwada Jail against
- British repression of the satyagrahis
 - Violation of the Gandhi-Irwin Pact
 - Communal Award of Ramsay Macdonald
 - Communal riots in Calcutta
- 117.** Who wrote the play '*Andher Nagari Chaupat Raja*' ?
- Govardhanram M. Tripathi
 - Munshi Premchand
 - Fakir Mohan Senapati
 - Bhartendu Harishchandra
- 118.** When Congress leaders condemned the Montague-Chelmsford Report, many moderates left the party to form the
- Swarajya Party
 - Indian Freedom Party
 - Independence Federation of India
 - Indian Liberal Federation
- 119.** On February 20, 1947, Prime Minister Attlee announced the British Government's decision to withdraw from India latest by
- August 1947
 - January 1948
 - June 1948
 - August 1948
- 120.** The newspapers/weeklies that have been the mouthpiece of different nationalists are paired here with the founder :
- New India Commonwealth : Annie Besant
 - Comrade : Maulana Mohammad Ali
 - Sanjivani : K.K. Mitra
 - Vanguard of Indian Independence : M.N. Roy
- Select the code for the correct statements :
- I, II and III
 - I, III and IV
 - II and IV
 - All of the above

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