

QUESTION BOOKLET

PAPER - I

Question Booklet  
Series

C

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*Time Allowed : 2 hours*

*Maximum Marks : 200*

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**INSTRUCTIONS**

1. Immediately after the commencement of the examination, you should check that this question booklet does not have any unprinted or torn or missing pages or items, etc. If so, get it replaced by a complete question booklet of the same series.
  2. Write and encode clearly the question booklet series A, B, C or D as the case may be in the appropriate place in the OMR Answer Sheet.
  3. **Particulars/Details to be filled up in the OMR Answer Sheet should be filled up completely and correctly, OMR Answer Sheet of candidates failing to do so will NOT be evaluated.**
  4. This Question Booklet contains 100 items (questions) carrying 2 marks each. Each item comprises of four responses (answers). Mark the response you want on the OMR Answer Sheet. In case you feel that there is more than one correct response, mark only the response which you consider the best. In any case, choose only one response for each item.
  5. You have to mark all your responses only on the separate OMR Response Sheet provided. See directions in the OMR Answer Sheet.
  6. After the examination has concluded, you should hand over the OMR Answer Sheet to the Invigilator only. You are permitted to take away with you the Question Booklet.
  7. Separate sheets for rough work will be provided in the Examination Hall.
  8. **Penalty for wrong answers :**  
There will be penalty for wrong answers marked by a candidate.
    - (i) There are four alternatives for the answer to every question. For each question for which a wrong answer has been given by the candidate, one-third of the marks assigned to that question will be deducted as penalty.
    - (ii) If a candidate gives more than one answer, it will be treated as a wrong answer even if one of the given answers happens to be correct and there will be same penalty as above to that question.
    - (iii) If a question is left blank, i.e., no answer is given by the candidate, there will be no penalty for that question.
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1. What is the name of the NASA spacecraft launched on April 14, 2023?
 

(a) Ganymede	(b) Callisto
(c) Juice	(d) Europa
2. Which Country has forecasted in 2023 that its population will be doubled in the next 26 years mostly due to migration?
 

(a) England	(b) Canada
(c) Italy	(d) France
3. According to the latest economic survey of Mizoram 2022-23, the per capita income of Mizoram during 2021-22 is
 

(a) ₹ 1,64,708	(b) ₹ 1,75,896
(c) ₹ 1,79,5031	(d) ₹ 86,133
4. Who has been recently appointed as the new Vice-Chancellor of Mizoram University?
 

(a) Prof. Samba Shiva Rao	(b) Prof. Ghanashyam Deka
(c) Prof. Dibakar Chandra Deka	(d) Prof. Mukesh Kumar Yada
5. Which of the following banks has recently launched India's first pocket-sized swipe machine for accepting digital payments called "MicroPay"?
 

(a) Axis Bank	(b) State Bank of India
(c) HDFC	(d) United Bank of India
6. The world's best and unique semiconductor and chip manufacturing industry is
 

(a) Intel Corp. (INTC)
(b) Taiwan Semiconductor Manufacturing Co. Ltd. (TSM)
(c) Qualcomm Inc. (QCOM)
(d) Broadcom Inc. (AVGO)
7. Which one of the following personalities has become BYJU's first global brand ambassador for its social impact arm- Education for All?
 

(a) Cristiano Ronaldo	(b) Lionel Messi
(c) Roger Federer	(d) Virat Kohli
8. The G20 members represent over
 

(a) 87% of global GDP	(b) 75% of global GDP
(c) 85% of global GDP	(d) 65% of global GDP
9. The world's highest railway bridge, the Chenab Bridge provides a link between
 

(a) Howrah-Allahabad-Mumbai Railway Link (HAMRL)
(b) Srinagar-Baramullah-Budgam Railway Link (SBBRL)
(c) Udhampur-Srinagar-Baramullah Railway Link (USBRL)
(d) Udhampur-Srinagar-Allahabad Railway Link (USARL)
10. International Day for the Elimination of Violence Against Women is observed on
 

(a) 30 <sup>th</sup> April	(b) 25 <sup>th</sup> November
(c) 10 <sup>th</sup> December	(d) 8 <sup>th</sup> March
11. Which city has hosted 2023 Hero Tri-Nation International Football Tournament?
 

(a) Kolkata	(b) Kochi
(c) Itanagar	(d) Imphal

CSP : 23

12. 2023 QS World Universities Rankings have included how many Academic Programmes from India within Global Top 100?  
 (a) 22 (b) 33  
 (c) 44 (d) 12
13. The UN General Assembly adopted a resolution which proclaimed the 30<sup>th</sup> March 2023 as  
 (a) International Day of Education (b) International Day of Zero Waste  
 (c) World Mental Health Day (d) International Day of Persons with Disability
14. Which of the following company is the newest in the aviation sector in India?  
 (a) Vistara (b) Spice Jet  
 (c) Akasa Air (d) Go First
15. Which Governor General abolished sati?  
 (a) Wellesley (b) Curzon  
 (c) William Bentinck (d) Dalhousie
16. The consequences of World War I for India and the Indian national movement included:  
 1. Huge increase in defence expenditure funded by war loans and rising taxes.  
 2. Customs duties were lowered to zero to import cheap British products in India  
 3. The Rowlatt Act was repealed.  
 4. The Indian industries were rejuvenated as demand for industrial goods during the WW-I increased.  
 Which of the above statements is/are correct?  
 (a) 1 and 4 only (b) 2, 3 and 4 only  
 (c) 1 and 3 only (d) 1, 2 and 4 only
17. Which of the following is not associated with the Kanpur conspiracy case?  
 (a) S.A. Dange (b) Muzaffar Ahmed  
 (c) Nalini Gupta (d) Ashfaqulla Khan
18. The understanding made between the Muslim League and the Indian National Congress in 1916 was the  
 (a) Khilafat Pact (b) Lucknow Pact  
 (c) Lahore Pact (d) Madras Pact
19. In what language was the Indian National Anthem (*Jana Gana Mana*) originally composed?  
 (a) Bengali (b) Punjabi  
 (c) Hindi (d) Marathi
20. The biggest role in Integrating the Princely States into the Indian Union was played by  
 (a) Jawaharlal Nehru (b) Rajagopalachari  
 (c) Mountbatten (d) Sardar Vallabhbhai Patel
21. Which among the following is the oldest Veda?  
 (a) Sama Veda (b) Yajur Veda  
 (c) Rig Veda (d) Atharva Veda
22. Scholars suggested that the Great Bath in Mohenjodaro was meant for:  
 (a) Ritual bath (b) Family bath  
 (c) Diving competition (d) Steam bath
23. The *mahajanapadas* were;  
 (a) Ten Kingdoms (b) Twelve Kingdoms  
 (c) Fifteen Kingdoms (d) Sixteen Kingdoms

24. Who was popularly known as the Indian Napoleon?  
 (a) Chandragupta Maurya (b) Shivaji  
 (c) Prithviraj Chauhan (d) Samudragupta
25. Which of the following is NOT a Vedanga?  
 (a) Nirukta – Etymology (b) Vyakarana – Grammar  
 (c) Kalpa – Ritual instructions (d) Virakta – Philosophy
26. *Harshacharita* was authored by:  
 (a) Harshavardhana (b) Kalidasa  
 (c) Bana Bhatta (d) Harishena
27. Diwani of Bengal, Bihar and Orissa was granted to the East India Company after their victory in the  
 (a) Third Battle of Panipat 1761 (b) Battle of Plassey 1757  
 (c) Battle of Buxar 1764 (d) Battle of Wandiwash 1760
28. On an average the temperature decreases with altitude at the rate of:  
 (a) 5°C per 1000 meters (b) 5.5°C per 1000 meters  
 (c) 6°C per 1000 meters (d) 6.5°C per 1000 meters
29. Match the following and select the correct ones:
- | <u>Biosphere Reserve</u> | <u>State</u>   |
|--------------------------|----------------|
| A. Nanda Devi            | 1. Odisha      |
| B. Manas                 | 2. Sikkim      |
| C. Simlipal              | 3. Tamil Nadu  |
| D. Kangchenjunga         | 4. Assam       |
| E. Gulf of Mannar        | 5. Uttaranchal |
- Codes:**
- |     | A | B | C | D | E |
|-----|---|---|---|---|---|
| (a) | 3 | 4 | 1 | 2 | 5 |
| (b) | 2 | 3 | 5 | 4 | 1 |
| (c) | 5 | 4 | 1 | 2 | 3 |
| (d) | 2 | 3 | 4 | 5 | 1 |
30. Atacama desert in Chile is famous for  
 (a) Corundum (b) Copper  
 (c) Aluminium (d) Diamond
31. Which of the following is formed due to the filling of lakes?  
 (a) Lacustrine plain (b) Peninsula  
 (c) Alluvium deposit (d) Piedmont plateau
32. Deccan Traps are largely made of  
 (a) Flow of basalt  
 (b) River deposit  
 (c) Limestone  
 (d) Lava flow alternating with sedimentary deposits
33. In which one of the following places is the Shompen tribe found?  
 (a) Nilgiri Hills (b) Spiti Valley  
 (c) Lakshadweep Islands (d) Nicobar Islands

34. 'Moho Discontinuity in the interior layers of the earth is in between:  
 (a) Crust and Mantle (b) Outer and Inner crust  
 (c) Mantle and Core (d) Outer and Inner core
35. Loo is a local wind found in:  
 (a) Congo basin (b) Alps mountain  
 (c) Sahara Desert (d) North western India and Pakistan
36. Which Seaport is located in the eastern side of the Gulf of Kutch?  
 (a) Mumbai (b) Goa  
 (c) Kandla (d) Dwarka
37. National Remote Sensing Centre (NRSC) is located in  
 (a) Mumbai (b) Dehradun  
 (c) Hyderabad (d) Chennai
38. Which one of the pairs given below is/are correctly matched?
- | <u>Lake</u>     | <u>State</u>      |
|-----------------|-------------------|
| 1. Chilka Lake  | Odisha            |
| 2. Lake Pulicat | Tamil Nadu        |
| 3. Lake Sambhar | Gujarat           |
| 4. Wular Lake   | Jammu and Kashmir |
- Codes:  
 (a) 1,2 and 3 (b) 2, 3 and 4  
 (c) 1, 2 and 4 (d) 1, 3 and 4
39. A tropical cyclone occurring around the Caribbean Sea and Gulf of Mexico is called?  
 (a) Typhoon (b) Willy-Willy  
 (c) Hurricane (d) Tornado
40. Consider the following pairs:
- | <u>Article</u>   | <u>Provisions</u>                          |
|------------------|--|
| 1. Article 371-A | - Special provisions for Nagaland          |
| 2. Article 371-B | - Special provisions for Goa               |
| 3. Article 371-F | - Special provisions for Sikkim            |
| 4. Article 371-H | - Special provisions for Arunachal Pradesh |
- Which of the pairs given above is/are correctly matched?  
 (a) 1, 2 & 3 (b) 1 & 2 only  
 (c) 3 & 4 only (d) 1, 3 & 4
41. Grants to the Autonomous Tribal Areas are provided by the:  
 (a) Article 272 (b) Article 274  
 (c) Article 275 (1) (d) Article 280
42. The word 'Socialist' was inserted into the Preamble of the Constitution by:  
 (a) The Constitution (Thirty-Eight Amendment) Act, 1975  
 (b) The Constitution (Thirty-Nine Amendment) Act, 1975  
 (c) The Constitution (Forty-Second Amendment) Act, 1976  
 (d) The Constitution (Forty-Fourth Amendment) Act, 1978
43. In the union government the Council of Ministers is collectively responsible to the:  
 (a) President of India (b) Rajya Sabha  
 (c) Parliament (d) Lok Sabha

44. India's sovereignty ultimately rests with the:
- (a) President of India (b) People  
(c) Prime Minister (d) Constitution
45. The tenure of every Panchayat in India is five years from:
- (a) the scheduled date of its first meeting (b) the date of notification of the election  
(c) the date of declaration of election results (d) the date of oath of office by members
46. Indian constitution does not provide any procedure to remove the
- (a) President (b) Vice President  
(c) Governor (d) Judge of Supreme Court
47. Which one is not a Local Self Government?
- (a) Panchayati Raj Institution (b) Municipal Council  
(c) Municipal Corporation (d) Autonomous District Council
48. India is an example of \_\_\_\_\_ state.
- (a) Federal (b) Unitary  
(c) Quasi-Federal (d) Quasi-Unit
49. Consider which among the following is not a constitutional body in India
- (a) Niti Aayog (b) State Election Commission  
(c) Finance Commission (d) National Human Rights Commission
50. Who called the Preamble as Political Horoscope of Indian Constitution?
- (a) Balwant Singh Mehta (b) N A Palkhi Wala  
(c) B. Shiva Rao (d) K.M. Munshi
51. Which article provides for a free and compulsory education for all children of six to fourteen years?
- (a) Article 19 (b) Article 21-A  
(c) Article 29 (d) Article 30
52. Article 371G was inserted into the Constitution of India through the:
- (a) Constitution Fifty-second Amendment Act, 1986  
(b) Constitution Fifty-third Amendment Act, 1986  
(c) Constitution Fifty-fourth Amendment Act, 1986  
(d) Constitution Fifty-fifth Amendment Act, 1986
53. According to Niti Aayog's First Multidimensional Poverty Index (MPI) report released in November 2021, the *State with the highest poverty ratio* in India is
- (a) Orrisa (b) Bihar  
(c) Jharkhand (d) Uttar Pradesh
54. As per the National Education Policy-2020, mother tongue/ regional language is to be the medium of teaching up to
- (a) at least Grade/Class -V (b) at least Grade/Class -VI  
(c) at least Grade/Class -VII (d) at least Grade/Class -VIII
55. A micro enterprise is an enterprise where investment in plant and machinery does not exceed how much amount?
- (a) Rs. 25 Lakh (b) Rs. 50 Lakh  
(c) Rs. 1 Crore (d) Rs. 5 Crore
56. As per the *Human Development Index (HDI)*, the index value varies between
- (a) 0 and 1 (b) 0 and 5  
(c) -5 and +5 (d) 0 and 10

57. At present, which of the following offices/organizations compile Poverty Estimates in India under the Ministry of Statistics and Programme Implementation
- (a) National Statistical Office (b) National Sample Survey Office  
(c) Finance Ministry (d) Central Statistical Organization
58. According to which article of the Indian Constitution, the Union Budget of a year is referred to as the Annual Financial Statement?
- (a) Article 108 (b) Article 115  
(c) Article 113 (d) Article 112
59. Basel Convention is related to-
- (a) Ozone Layer Depletion  
(b) Earth Summit  
(c) Sustainable Development  
(d) Trans Boundary Movement of Hazardous Wastes
60. Maternal Mortality rate is-
- (a) Female deaths that occurred before the 9th month of pregnancy  
(b) The annual number of female deaths per 100,000 live births due to pregnancy  
(c) The annual number of female deaths per 10,000 live births due to pregnancy  
(d) The death of females that occurred within 3 months of child delivery
61. Sishu, Kishor, and Tarun are the schemes of
- (a) Regional Rural Banks  
(b) Micro Units Development and Refinance Agency Ltd (MUDRA)  
(c) Small Industries Development Banks of India  
(d) Industrial Development Bank of India
62. Which of the following is not included in the National Food Security Mission?
- (a) Oilseeds (b) Wheat  
(c) Rice (d) Pulses
63. What is the validity of job card in MGNREGS?
- (a) 2 years (b) 3 years  
(c) 5 years (d) 8 years
64. The current international poverty line according to World Bank using 2017 PPP is
- (a) \$2.15 a day (b) \$1.85 a day  
(c) \$1.75 a day (d) \$1.25 a day
65. Who proposed the 10% law of energy flow in ecosystems?
- (a) Lindeman (b) Carl Mobius  
(c) Tansley (d) Darwin
66. HCFCs can be used as refrigerants instead of
- (a) CO<sub>2</sub> (b) Cl  
(c) CFCs (d) CO
67. Which of the following is important for speciation?
- (a) Seasonal isolation (b) Reproductive isolation  
(c) Behavioral isolation (d) Temporal isolation

68. Which among the following correctly defines Global 200?
- (a) An annual list of top ranking 200 companies released by Forbes Magazine
  - (b) List of 200 World Heritage Sites released by UNESCO
  - (c) List of 200 Cities which are of strategic importance by UNO
  - (d) List of 200 Ecoregions identified by the WWF for conservation
69. The number of Biosphere Reserved in India is amounting to
- (a) 15
  - (b) 21
  - (c) 18
  - (d) 14
70. Trickling Filter is used in following process of wastewater treatment plant.
- (a) Mechanical treatment
  - (b) Biological treatment
  - (c) Advanced treatment
  - (d) All of the above
71. Maximum reservoir of carbon dioxide is found in
- (a) Atmosphere
  - (b) Landmass
  - (c) Oceans
  - (d) Forest
72. Minamata incident was caused by
- (a) Mercury pollution
  - (b) Ozone depletion
  - (c) Acid rain
  - (d) Nuclear accident
73. Which of the following greenhouse gases has the highest atmospheric lifetime?
- (a) CO
  - (b) N<sub>2</sub>O
  - (c) CH<sub>4</sub>
  - (d) CF<sub>4</sub>
74. The Environment (Protection) Act was enacted in
- (a) 1952
  - (b) 1972
  - (c) 1986
  - (d) 1991
75. The concept of carbon credit originated from
- (a) Kyoto protocol
  - (b) Montreal protocol
  - (c) Earth summit
  - (d) Doha round
76. Increase in concentration of a toxicant at successive trophic level is called
- (a) Bio-magnification
  - (b) Succession
  - (c) Eutrophication
  - (d) Biotransformation
77. A polymer which is coated as a thin layer on the inner side of non-sticking pans is
- (a) Bakelite
  - (b) Teflon
  - (c) PVC
  - (d) Polypropylenes
78. Which one of the following is not ionizing in nature?
- (a) Microwave
  - (b) UV rays
  - (c) Beta rays
  - (d) Gamma rays
79. Which of the following organelles is the site of protein synthesis in a cell?
- (a) Peroxisome
  - (b) Ribosome
  - (c) Mitochondria
  - (d) Nucleus
80. The most environment-friendly refrigerants are
- (a) Chlorofluorocarbons (CFCs)
  - (b) Hydrocarbons (HC)
  - (c) Hydrofluorocarbons (HFCs)
  - (d) Hydrochlorofluorocarbons (HCFCs)



CSP : 23

81. The function of mammary glands is regulated by a hormone known as  
 (a) Oxytocin (b) Prolactin  
 (c) Thyroxine (d) Vasopressin
82. In the Sun, helium is produced from hydrogen by  
 (a) Disintegration (b) Fission  
 (c) Fusion (d) Radioactive decay
83. Which is the smallest constituent of matter?  
 (a) Atom (b) Quark  
 (c) Electron (d) Proton
84. The most abundant gas in the Earth's atmosphere is  
 (a) Oxygen (b) Carbon Dioxide  
 (c) Nitrogen (d) Green House gas
85. Which sugar is present in DNA?  
 (a) Hexone (b) Heptose  
 (c) Pentose (d) Tetrose
86. Inability of clotting of blood is due to the deficiency of  
 (a) Vitamin A (b) Vitamin B1  
 (c) Vitamin D (d) Vitamin K
87. Which of the following acts as photosensitizer during photosynthesis?  
 (a) Haemin (b) Pyruvic acid  
 (c) Chlorogen (d) Chlorophyll
88. The isotope of carbon used in radiocarbon dating is  
 (a) C-12 (b) C-13  
 (c) C-14 (d) C-15
89. The first known settlement of Lusei in Myanmar  
 (a) Suaipui & Saihmun (b) Pelpawl & Belmual  
 (c) Seipui & Khawkawk (d) Sanzawl & Bochung
90. The famous chief of the spirit, Sahnula is said to be ruled over  
 (a) Tan tlang (b) Hachhek tlang  
 (c) Mawmrang tlang (d) Phawngpui tlang
91. The Mizo's name for the group of stars known as 'Taurus' is  
 (a) Sichakai (b) Khiangte zawng zim  
 (c) Sikawikap (d) Thlasik kawng
92. A bison's horn used by Mizo hunters for carrying gun-powder  
 (a) Fungki (b) Piallung  
 (c) Haite (d) Tawngkawla
93. 'Dawhthleng' is connected with  
 (a) Bahzar (b) Luhka  
 (c) Pûm (d) Tapchhak
94. Mizo chief who captured and brought Mary Winchester into the Lushai Hills  
 (a) Vuttaia (b) Bengkhuaia  
 (c) Lalsavunga (d) Sibuta

95. Which of the following is a bad demon?  
(a) Khuavang (b) Lasi  
(c) Chawm (d) Pheichham
96. The tree on which Mizo warriors hung the decapitated heads of their enemies  
(a) Sahlam (b) Thinglu  
(c) Seluphan (d) Thingsia
97. The term 'Thingthiah' in traditional Mizo society relates with  
(a) Thihthiap ven (b) Mitthirawp lam  
(c) Sakei lu lam (d) Khuangchawi
98. Arrange the following traditional Mizo weaving craft in the correct order  
(a) Herawt, la sai, chawn, hmui, ladinlek, suvel (b) Herawt, chawn, la sai, ladinlek, hmui, suvel  
(c) Herawt, la sai, chawn, ladinlek, hmui, suvel (d) Herawt, chawn, la sai, hmui, ladinlek, suvel
99. The name Zawlthlia in Mizo folktales is seen in  
(a) Sazaltega leh Bakvawmtepu (b) Runginu leh Thialtea  
(c) Lasiri leh Lalsara (d) Rimenhawih
100. In the context of the Mizos, 'kuang ur' usually lasted for  
(a) One month (b) Two months  
(c) Three months (d) Four months

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