

QUESTION BOOKLET

PAPER - I

Question Booklet
Series

D

Time Allowed : 2 hours

Maximum Marks : 200

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. According to the Commerce Department data, Government of India, the largest trading partner of India in descending order for 2023-24 financial year is :
 - (a) China > UAE > USA
 - (b) China > US > UAE
 - (c) US > China > UAE
 - (d) US > UAE > China
2. India's first-ever military-grade geospatial satellite built entirely by the private sector which was launched on 7th April, 2024 is :
 - (a) EOS-07
 - (b) RISAT-2BRI
 - (c) TSAT-1A
 - (d) CARTOSAT-03
3. Consider the following statements regarding the ongoing Israeli-Hamas conflict.
 1. Hama's surprise attack on the state of Israel was on October 7, 2023.
 2. Hamas campaign was dubbed "Operation al-Aqsa Flood".
 3. Israel has declared war on Hamas and launched "Operation Swords of Iron".
 4. In response to both the developments, the government of India launched an operation to retrieve Indians from Israel known as 'Operation Dost'.
 Which of the above statements are correct?
 - (a) 1 & 2 only
 - (b) 1, 2 & 3 only
 - (c) 1, 2 & 4 only
 - (d) 1, 2, 3 & 4
4. Consider the following statements and identify the points that are correctly related to the North Atlantic Treaty Organisation (NATO).
 1. On 4th April 1949, the foreign ministers from 12 countries signed the North Atlantic Treaty.
 2. Finland officially joined NATO on April 2023.
 3. Sweden joined NATO on March 2024.
 4. The number of NATO member is, now 32.
 - (a) 1, 2 & 3 only
 - (b) 1, 2 & 4 only
 - (c) 1, 3 & 4 only
 - (d) 1, 2, 3 & 4
5. Consider the following statements with regard to Henley Passport Index 2024.
 1. The index ranks 199 nations based on the strength of their passports.
 2. France has topped the list in 2024.
 3. The Indian passport ranks 85th on the list.
 Which of the above statements is/are correct?
 - (a) 1 only
 - (b) 1 & 2 only
 - (c) 2 & 3 only
 - (d) 1, 2 & 3
6. The world's first conversational AI with emotional intelligence is :
 - (a) AI Robot
 - (b) Gemini AI
 - (c) Hume AI
 - (d) Humanoid Robot
7. Which country on June 2024 calls India as the second biggest foreign threat to its democracy after China?
 - (a) Sri Lanka
 - (b) Maldives
 - (c) Canada
 - (d) Pakistan
8. Player of the Season in the recently concluded UEFA Champions League 2023-24 is :
 - (a) Jude Bellingham
 - (b) Kylian Mbappe
 - (c) Vinicius Junior
 - (d) Erling Haaland
9. 'Barbie' movie released in 2023 made history, becoming the first Billion-Dollar movie directed solely by a woman, and was directed by :
 - (a) Jane Campion
 - (b) Sofia Coppola
 - (c) Kathryn Bigelow
 - (d) Greta Gerwig

10. Which country recently launched the World's first dedicated Drone Carrier?
 (a) USA (b) Russia
 (c) China (d) Turkey
11. In the Mizoram budget 2024-25, the amount of money set aside for the flagship programme of the ZPM government's 'Hand-holding Policy/Bana kaih' is :
 (a) ₹ 150 crores (b) ₹ 200 crores
 (c) ₹ 3000 crores (d) ₹ 500 crores
12. Consider the following statements and identify the correct points related to the recently concluded Lok Sabha General Election, 2024.
 1. Counting of votes was held on 4th June 2024.
 2. BJP won 240 seats.
 3. Indian National Congress Won 99 seats.
 4. Telegu Desam Party Won 16 seats.
 (a) 1 & 2 only (b) 1 & 3 only
 (c) 1, 2 & 3 only (d) 1, 2, 3 & 4
13. The growth rate of India's Gross Domestic Product (GDP) according to the provisional estimate of the National Statistic Organisation (NSO) in the financial year 2023-24 is :
 (a) 7.2 per cent (b) 7.5 per cent
 (c) 8 per cent (d) 8.2 per cent
14. Consider the following statements regarding Finance Commission of India.
 1. Finance Commission of India was established under Article 280 of the Indian Constitution.
 2. The Sixteenth Finance Commission will cover a period between 2025-2030.
 3. Arvind Panagariya is the chairman of the Sixteenth Finance Commission.
 Which of the above statements are correct?
 (a) 1 & 2 only (b) 1 & 3 only
 (c) 2 & 3 only (d) 1, 2 & 3
15. On which occasion was Bombay handed over to the British by the Portuguese?
 (a) Liberation of Portuguese from Spanish control.
 (b) Charles II marriage with princess Catherine.
 (c) The defeat of Spanish Armada in 1588.
 (d) None of the above
16. In 1878 the Famine Commission of India was established under the Chairmanship of :
 (a) Sir Richard Strachey (b) James Lyall
 (c) Sir John Woodhead (d) Anthony MacDonnell
17. Who among the following introduced the Enfield rifles that initially used the greased cartridges the *sepoys* rebelled against?
 (a) Henry Hardinge (b) Charles Metcalfe
 (c) William Bentinck (d) Dalhousie
18. The Indian National Congress was founded in which year?
 (a) 1857 (b) 1885
 (c) 1905 (d) 1925
19. Who were the masterminds of the Kakori conspiracy in 1925?
 (a) Ramprasad Bismil, Ashfaqullah Khan (b) Ajit Prasad Jain, G.V. Pant
 (c) MN Roy, Muzaffar Ahamed (d) Bhagat Singh, Lala Lajpat Rai
20. The Khilafat movement was launched by :
 (a) Asaf Ali and Muhammad Ali Jinnah (b) Mohammad Ali and Shaukat Ali
 (c) Abbas Ali and Abul Kalam Azad (d) Badruddin Tyabji and Ashfaqulla Khan

21. The Salt March also known as Dandi March, 1930 started on which river banks?
(a) River Ganga (b) River Kaveri
(c) River Godavari (d) River Sabarmati
22. Who was formally recognised as the king of Manipur under the Treaty of Yandaboo?
(a) Nara Singh (b) Gambhir Singh
(c) Bodh Chandra (d) Chandrakirti
23. 16th August, 1946 was declared as "Direct Action Day" by :
(a) The Congress (b) The Muslim League
(c) Mahatma Gandhi (d) The Communist Party of India
24. Harappan exchanges were regulated by a precise system of :
(a) Sizes (b) Lengths
(c) Weights (d) Perimeters
25. The *sufis* used to organize communities around the hospice called :
(a) *Pir* (b) *Khalifa*
(c) *Murshid* (d) *Khanqah*
26. According to tradition and epigraphic evidence, who founded the Vijayanagar Empire in 1336?
(a) Harihara and Bukka (b) Krishnadeva Raya
(c) Rama Raya (d) Colin Mackenzie and Thomas Hickey
27. A submarine mountain or peak rising more than 1000 metres above the ocean floor is known as :
(a) Submarine peak (b) Continental Rise
(c) Submarine Hills (d) Seamount
28. Which amongst the following states in India has the lowest percentage of urban population?
(a) Kerala (b) Chhattisgarh
(c) Rajasthan (d) Assam
29. The Three Gorges Dam on the _____ is the largest hydro-electric power station in the world.
(a) Jinsha River (b) Parana River
(c) Yangtze River (d) Mekong River
30. A warm and dry wind blowing on the northern side of the Alps Mountain ranges is :
(a) Blizzards (b) Foehn
(c) Sirocco (d) Mistral
31. In Koeppen's classification of climate, tropical climate is represented by :
(a) B (b) C
(c) D (d) A
32. During which geological period most of the northern and middle part of North America and Eurasia were covered with extensive ice-sheet?
(a) Miocene (b) Carboniferms
(c) Pleistocene (d) Oligocene
33. Which Iron and Steel Industry was set up in Chhattisgarh with the technical support of former USSR?
(a) Rourkela (b) Durgapur
(c) Bokaro (d) Bhilai
34. Which language family has the largest number of speakers in India?
(a) Dravidian family (b) Indo-European family
(c) Sino-Tibetan family (d) Austric family
35. An important pass that links Kerala with Tamil Nadu is :
(a) Thal Ghat (b) Bhor Ghat
(c) Palghat Gap (d) Vindhyan Ghat

36. Which biome is characterised by the presence of mosses, lichens and herbs with underlying permafrost?
- (a) Taiga (b) Desert
(c) Tundra (d) Savanna
37. The largest fishing ground of the world is the :
- (a) North West Pacific Region (b) North West Atlantic Region
(c) North East Atlantic Region (d) South Western Arctic Region
38. The largest physiographical unit of India is :
- (a) The Himalayan region (b) The Gangetic plains
(c) The Peninsular plateau (d) The Coastal plain
39. Which committee recommended for three language formula?
- (a) Raj Committee (b) Kothari Committee
(c) Rajamannar Committee (d) Dutt Committee
40. Seventy Fourth Amendment Act, 1992 of the Constitution deals with :
- (a) Municipality (b) Panchayati Raj
(c) Non-territorial Council (d) Village empowerment
41. Which one of the following approach to the study of Public Administration is related with Max Weber?
- (a) Classical Approach (b) Human Relation Approach
(c) Scientific Approach (d) Bureaucratic Approach
42. What are the two basic principles of promotion in civil service?
- (a) Principles of seniority and examination for promotion to the next higher post.
(b) Principles of seniority and merit.
(c) Principles of merit only.
(d) Principles of seniority and higher qualification.
43. The idea of Fundamental Rights in Indian Constitution has been borrowed from the constitution of :
- (a) England (b) France
(c) Germany (d) U.S.A
44. Which of the following does not have a written constitution?
- (a) U.S.A (b) Egypt
(c) Japan (d) U.K
45. The powers and functions of the three tiers Panchayats are listed in which of the following schedules of the Constitution of India?
- (a) Ninth Schedule (b) Eleventh Schedule
(c) Twelfth Schedule (d) None of these
46. India is a _____ as per provision in Article 1 of the Constitution of India.
- (a) Union State (b) Federal State
(c) Unitary State (d) None of these
47. Who acts as the President of India when neither the President nor the Vice President is available?
- (a) Chief Election Commissioner of India (b) Chief Justice of India
(c) Auditor General of India (d) Speaker of the Lok Sabha
48. Constituent Assembly of India was formulated on the recommendation of which of the following?
- (a) Wavel Plan (b) Cripps Mission
(c) August Offer (d) Cabinet Mission
49. Which of the following Constitutional Amendments has been described as a "Mini Revision of the Constitution"?
- (a) Forty-Second Amendment Act, 1976 (b) Forty-Fourth Amendment Act, 1978
(c) Fifty-Second Amendment Act, 1985 (d) Forty-Eighth Amendment Act, 1987

50. The original Constitution of India contained :
- (a) 395 Articles, eight Schedules and 22 Parts (b) 395 Articles, eight Schedules and 23 Parts
(c) 395 Articles, nine Schedules and 21 Parts (d) None of these
51. Minimum Support Price (MSP) is the guaranteed amount paid to the farmers based on the recommendations of :
- (a) Ministry of Agriculture and Farmers Welfare
(b) Cabinet Committee on Economic Affairs
(c) Agricultural Price Commission
(d) Commission of Agriculture Costs and Prices
52. Which of the following economists held the view that nature will check population growth?
- (a) Thomas Robert Malthus (b) Adam Smith
(c) JS Mill (d) David Ricardo
53. If the Reserve Bank of India raise the *repo rate*
- (a) Money supply will increase, and there will be an inflationary pressure.
(b) Loans issued by the banking system to the economy will increase.
(c) Investment may decrease, and inflationary pressure may also decrease.
(d) Consumer demand will increase.
54. Unemployment that arises when there is a mismatch between the worker's skill and availability of jobs in the market is called :
- (a) Frictional unemployment (b) Structural unemployment
(c) Cyclical unemployment (d) Disguised unemployment
55. The replacement level of total fertility rate, in India is :
- (a) 1.0 (b) 2.1
(c) 2.5 (d) 2.8
56. Which of the following sustainable development goals aims to *promote sustained, inclusive and sustainable economic growth*?
- (a) SDG-6 (b) SDG-7
(c) SDG-8 (d) SDG-13
57. Which of the following initiated a *pilot programme for wholesale digital rupee* in the interbank call money market?
- (a) SEBI (b) RBI
(c) Commercial Banks (d) Development Banks
58. An economic activity dominated by temporary or short-term contractual or freelance workers to perform jobs typically in the service sector is called :
- (a) Digital economy (b) Gig economy
(c) Economy led by young entrepreneurs (d) Plug and play model economy
59. At present, which *age group* contributes the highest in Indian population?
- (a) Working age population (b) Dependent population of children
(c) Dependent population of senior citizens (d) None of these
60. Pradhan Mantri Kisan Maan-Dhan Yojana (PM-KMY) is a :
- (a) Pension scheme for small and marginal farmers.
(b) Direct money transfer scheme to the farmers according to the size of landholding.
(c) Crop insurance scheme for the farmers.
(d) Subsidy scheme for farmers cultivating cash crops.

61. The Alkire-Foster methodology of the multidimensional poverty index has three equally weighted dimensions as follows :
- (a) Health, education, and standard of living (b) Income, literacy, and absolute poverty
(c) Income, health, and standard of living (d) Health, income, and education
62. Which ministry has received the highest allocation in the Interim Budget 2024-25 of the central government?
- (a) Railways (b) Defence
(c) Road, transport and highways (d) Home affairs
63. Blue green algae is involved in :
- (a) Nitrification (b) Nitrogen fixation
(c) Denitrification (d) Ammonification
64. What maintains stability within an ecosystem and prevents a single best competitor from displacing other species from a community?
- (a) Species diversity (b) Genetic diversity
(c) Ecosystem diversity (d) Biodiversity
65. The measure of relatedness of species in biodiversity is :
- (a) Phylogenetic diversity (b) Functional diversity
(c) Productivity (d) Structural diversity
66. The largest biodiversity area in India is :
- (a) North-Eastern region (b) Deccan Plateau
(c) Southern Peninsula (d) Western Ghats
67. The International Day for Biological Diversity falls on :
- (a) 22nd April (b) 23rd April
(c) 22nd May (d) 23rd May
68. The proportion of light reflected by a surface is called :
- (a) Albedo (b) UVA
(c) UVB (d) Insolation
69. In 2023, the 28th session of the Conference of the Parties (COP28) to the UN Framework Convention on Climate Change (UNFCCC) was held at :
- (a) Glasgow (b) Spain
(c) Egypt (d) Dubai
70. The Paris Agreement, a universal agreement which aims to keep a global temperature rise for this century well below 2 degrees Celsius was adopted in :
- (a) COP 21 (b) COP 25
(c) COP 27 (d) COP 28
71. The ozone depleting substance (ODS) that have direct impact on the depletion of ozone layer :
- (a) Carbon Monoxide (b) Methane
(c) Peroxyacetyl Nitrate (d) Chlorofluorocarbons
72. Global water cycle is :
- (a) Isolated system (b) Closed system
(c) Open system (d) None of these
73. The process of microorganism secreting enzymes into dead plant and animal material to carry out specific chemical reactions is :
- (a) Decomposition (b) Anaerobic respiration
(c) Photosynthesis (d) Aerobic respiration

74. Temperature in the troposphere decreases with increase in altitude at the rate of :
(a) 6.0°C/km (b) 6.5°C/km
(c) 5.5°C/km (d) 5.0°C/km
75. Which group of microorganism cause Dengue in human?
(a) Archaeobacteria (b) Proteobacteria
(c) Virus (d) Fungi
76. In solar power generation, which of the following radiation generates electricity?
(a) X-rays (b) Gamma-rays
(c) Visible Light (d) UV-rays
77. How many wildlife Protected Areas are there in the State of Mizoram?
(a) 9 (b) 10
(c) 11 (d) 12
78. Coldest region of the atmosphere is :
(a) Troposphere (b) Mesosphere
(c) Stratosphere (d) Thermosphere
79. Stromatolites are living fossil and the oldest living lifeforms on our planet. They are created by :
(a) Cyanobacteria (b) Aquatic plants
(c) Aquatic animals (d) Fishes
80. Glomerulus and tubules are part of :
(a) Nephrons (b) Neurons
(c) Gallbladder (d) Pancreas
81. Few prokaryotic organisms can fix atmospheric nitrogen due to presence of :
(a) Nitrate reductase (b) Nitrite reductase
(c) Nitrogenase (d) Hydrogenase
82. Which one of the genetic disorders is caused by the presence of an extra chromosome 21?
(a) Turner syndrome (b) Klinefelter syndrome
(c) Down syndrome (d) Nuntington's disease
83. Entropy of the universe is
(a) Constant (b) Decreasing
(c) Increasing (d) Contracting
84. In the process of photosynthesis, splitting of water molecules occurs at :
(a) Photosystem I (PS I) (b) Photosystem II (PS II)
(c) Stroma (d) Chloroplastic envelope
85. Phototropism is :
1. the ability of the plant to re-orient the shoot growth towards or away from a direction of the light source
2. It is due to hormone auxin
(a) Only Statement 1 is correct (b) Only Statement 2 is correct
(c) Both 1 and 2 are correct (d) Both 1 and 2 are incorrect
86. Which one of the following characterises a pond ecosystem?
(a) Lentic (b) Lotic
(c) Pampas (d) Xeric
87. Which of the following was not included in the village chief's dues?
(a) Salam (b) Sachhiah
(c) Chichhiah (d) Khuaichhiah

88. *Dawnkawn* is associated with which of the following liquor?
 (a) Tinzu (b) Rakzu
 (c) Zufang (d) Zupui
89. Which one of the following statement is not the objective of 'Thangchhuah'?
 (a) To avoid the pellets of Pawla (b) To earn respect in life time
 (c) To achieve the eternal bliss of Pialral (d) To become village chief
90. What is the major contribution of Dr. Peter Fraser to Mizo society?
 (a) The abolishment of bawih (b) The abolishment of chieftainship
 (c) Setting up of Serkawn Hospital (d) Setting up of market in Aizawl
91. A traditional Mizo musical instrument made of three small bamboos, having three different sizes which produces three musical notes is called :
 (a) Bengbung (b) Theirual
 (c) Mauchâng (d) Darbu
92. During the traditional period, a ritual performed on the day when a baby was born was called :
 (a) Artehringban (b) Khal
 (c) Uihringban (d) Khuavanghring
93. From the options below, pick which one was not a part of the Mizo traditional trapping method
 (a) Thangthleng (b) Beaithang
 (c) Thangchep (d) Fasuar
94. Pick the appropriate meaning of *A seh sam* from the following :
 (a) the beginning (b) the end
 (c) the middle (d) the conclusion
95. The common Mizo phrase *Sa-ui tan* means :
 (a) Making agreement/pact (b) Cruelty to animals
 (c) Killing a dog (d) Declaring war
96. The Mizo poetess, who composed three different forms of 'zai' was :
 (a) Pi Hmuaki (b) Darmani
 (c) Saikuti (d) Darpawngi
97. A temporary house in which the family lives during the weeding season, when the jhum is at a great distance from the village is called :
 (a) Ram-hual (b) Leng-tlawn
 (c) Thlawh-bawk (d) Rap-in
98. To which animal family does *Thihthiap* belong?
 (a) Deer (b) Bear
 (c) Tiger (d) Eagle
99. The first ceremony performed by a man for his son who was going to have a separate house with a family was called :
 (a) Zankhuang (b) Sakung phun
 (c) Chawng (d) Mitthirawplam
100. Three months after a person's death, the deceased person's family organized a farewell ceremony known as:
 (a) Thitîn (b) Zingtîan
 (c) Hringban (d) Thlazing