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Government of West Bengal
West Bengal State Haj Committee



(Minority Affairs & Madrasah Education Department)

Madinat-ul Hujjaj, II-A/26, Action Area-II, New Town, Kolkata-700 160

ENTRANCE TEST FOR

Booklet Series: **A**

JOGYASHREE CIVIL SERVICES COACHING FOR MINORITIES - 2024

Maximum Marks: 150

ROLL NO.

Time Allowed: 3 Hours

INSTRUCTIONS

1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS TEST BOOKLET *DOES NOT* HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR ITEMS, ETC. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET.
2. You have to enter your Roll Number on the Test Booklet in the Box provided alongside.
3. This test Booklet contains **150** items (questions). First 100 questions are of **General Studies** and next 50 questions are of **CSAT**.
4. Each item is printed in English. Each item comprises four responses (answers). In case you feel that there is more than one correct response, mark the response which you consider the best. In any case, choose *ONLY ONE* response for each item.
5. All items carry equal marks.
6. After you have completed your paper you should hand over to the Invigilator this booklet.
7. Sheets for rough work are appended in the Test Booklet at the end.
8. **Penalty for wrong answers:**
THERE WILL BE PENALTY FOR WRONG ANSWERS MARKED BY A CANDIDATE IN THE OBJECTIVE TYPE QUESTION PAPERS.
 - (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.

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE ASKED TO DO SO



1. French traveller Francois Bernier travelled to India during the reign of:

- (a) Mughals
- (b) Guptas
- (c) Mauryas
- (d) Kushans

2. Consider the following pairs :

Caves		States
1. Ajanta	:	Maharashtra
2. Bagh	:	Madhya Pradesh
3. Badami	:	Rajasthan

How many of the above pairs are correctly matched?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

3. Consider the following ports:

- 1. Sittwe port
- 2. Chabahar port
- 3. Gwadar port

How many of the above ports lie to the west of India?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

4. Born at Talwandi in Pakistan in the 15th century, he travelled widely before establishing a centre at Kartarpur. He promoted the idea of equality and used the terms 'nam', 'dan' and 'isnani' for the essence of his teaching. Who amongst the following is being talked about here ?

- (a) Guru Teg Bahadur
- (b) Guru Gobind Singh
- (c) Guru Arjan Dev
- (d) Guru Nanak Dev

5. With reference to the Ryotwari system during British period, consider the following statements :

- 1. The Ryotwari System was introduced by Captain Alexander Read in 1820.
- 2. It was a type of Land Revenue system introduced in South India.

Which of the statements given above is/ are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

6. Consider the following statements regarding Quit India Movement :

- 1. It was launched by Mahatma Gandhi in 1932.
- 2. It was a mass movement launched at the Bombay session of the All India Congress Committee (AICC).

Which of the statements given above is/ are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

7. Consider the following statements regarding mural paintings :

- 1. Mural Paintings are paintings made on surfaces like walls and ceilings.
- 2. Mural paintings are also found in Lepakshi temple.

Which of the statements given above is/ are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2



8. Consider the following statements:
1. Electroplating is the process of plating one metal onto another by hydrolysis.
 2. Galvanisation is the process of applying a protective zinc coating to iron or steel.

Which of the statements given above is/ are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

9. With reference to the 2023 Cricket World Cup, consider the following statements :

1. Adam Zampa took the maximum wicket in the tournament.
2. Virat Kohli scored maximum runs during this world cup.

Which of the statements given above is/ are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

10. Consider the following statements regarding Payment Banks :

1. Payment banks can issue credit cards.
2. It can accept time deposits or NRI deposits.

Which of the statements given above is/ are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

11. Consider the following activities:

1. Burning of wood
2. Rotting of Banana
3. Melting of ice

How many of the above activities depict a chemical change?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

12. Consider the following gases :

1. Carbon monoxide
2. Nitrogen Oxide
3. Sulphur Oxide

How many of the above gases are emitted due to stubble burning?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

13. Consider the following statements:

1. James Chadwick discovered protons in the year 1932.
2. Electrons were discovered by E. Goldstein in 1897.

Which of the statements given above is/ are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

14. Consider the following pairs:

Acids	Found in
1. Oxalic Acid	: Tomato
2. Formic Acid	: Stinging nettles
3. Acetic Acid	: Vinegar

How many of the above pairs are correctly matched?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

15. Consider the following countries :

1. China
2. Canada
3. Australia
4. Russia

What is the correct sequence of the above given countries in context of their areas starting from the largest one?

- (a) 1-2-3-4
- (b) 2-3-4-1
- (c) 4-1-2-3
- (d) 4-2-1-3



16. The Human Development Index is published by which one of the following ?
- (a) United Nations Development Programme
 - (b) International Monetary Fund
 - (c) World Bank
 - (d) None of the above
17. Consider the following statements regarding Goods and Service Tax (GST) in India :
1. GST in India was proposed by the Kelkar Task Force on Indirect taxes in 2000.
 2. GST came into existence through the 99th Constitutional Amendment Act, 2016.
- Which of the statements given above is/ are correct?
- (a) 1 only
 - (b) 2 only
 - (c) Both 1 and 2
 - (d) Neither 1 nor 2
18. Consider the following countries:
1. Australia
 2. Russia
 3. India
 4. China
- How many of the above countries are part of 'Quadrilateral Security Dialogue' (QSD)?
- (a) Only one
 - (b) Only two
 - (c) Only three
 - (d) All four
19. With reference to the Kakori train robbery, consider the following statements :
1. The train robbery at Kakori took place in 1927.
 2. For this robbery, Rajendranath Lahiri and Ashfaqullah Khan were hanged in 1927.
- Which of the statements given above is/ are correct?
- (a) 1 only
 - (b) 2 only
 - (c) Both 1 and 2
 - (d) Neither 1 nor 2
20. Consider the following statements with reference to the Palghat Gap :
1. It is a break in the Eastern Ghats mountain range, in southeastern India.
 2. It is located between the Nilgiri Hills and the Anaimalai Hills.
- Which of the statements given above is/ are correct?
- (a) 1 only
 - (b) 2 only
 - (c) Both 1 and 2
 - (d) Neither 1 nor 2
21. Uniform Civil Code is mentioned under which part of the Indian constitution ?
- (a) Fundamental Rights
 - (b) Fundamental Duties
 - (c) Directive Principles of State Policy
 - (d) None of the above
22. Consider the following statements with reference to Fathima Beevi :
1. She was the first chairperson of the National Human Rights Commission.
 2. She was the first woman judge of the Supreme Court of a nation in Asia.
- Which of the statements given above is/ are correct?
- (a) 1 only
 - (b) 2 only
 - (c) Both 1 and 2
 - (d) Neither 1 nor 2
23. With reference to the United Nations Conference on Environment and Development (UNCED), consider the following statements :
1. It is also known as the 'Earth Summit' and was held in Rio de Janeiro.
 2. This global conference was held on the occasion of the 20th anniversary of Brundtland report.
- Which of the statements given above is/ are correct?
- (a) 1 only
 - (b) 2 only
 - (c) Both 1 and 2
 - (d) Neither 1 nor 2



24. Consider the following statements regarding the Lok Adalats in India :

1. Lok Adalats have been given statutory status under the Legal Services Authorities Act, 1987.
2. There is no court fee payable when a matter is filed in a Lok Adalat.

Which of the statements given above is/ are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

25. Consider the following statements regarding Chalukyas of Badami :

1. Chalukyas of Badami ruled in Karnataka in the second century.
2. The Badami Chalukyas rose to prominence during the reign of Pulakeshin II.

Which of the statements given above is/ are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

26. Consider the following statements regarding the Poush Mela :

1. It has been organised since the 19th century.
2. Poush Mela is a festival celebrated in West Bengal.

Which of the statements given above is/ are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

27. Consider the following statements regarding Loktak Lake :

1. Loktak Lake is the largest freshwater lake of India.
2. It is home to unique floating islands called 'phumdis'.
3. It is situated in Assam state.

Which of the statements given above is/ are correct?

- (a) 1 and 2 only
- (b) 2 only
- (c) 2 and 3 only
- (d) 3 only

28. Consider the following pairs :

Passes **Connects**

1. Nathu la : Himachal Pradesh and Nepal
2. Shipki La : Ladakh and Tibet
3. Lipu lekh : Sikkim and China

How many of the above pairs are correctly matched?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

29. Consider the following statements with reference to the Minimum Support Price (MSP) in India :

1. MSP is determined based on the recommendations of the Commission for Agricultural Costs and Prices (CACP).
2. Final decision regarding the MSP levels is taken by the Cabinet Committee on Economic Affairs (CCEA), chaired by the Minister of Finance.

Which of the statements given above is/ are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

30. Consider the following statements :

1. The revenue from the iqta land was assigned by the state to the nobles.
2. Khalisa was the land whose revenue was exclusively meant for the emperor.

Which of the statements given above is/ are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2



31. Who amongst the following introduced the rank of 'Zat' and 'Sawar' in the Mansabdari system ?

- (a) Babar
- (b) Akbar
- (c) Aurangzeb
- (d) Bahadur Shah

32. With reference to India, consider the following statements :

1. The Constitution of India has provisions for compulsory education of all children in the age group of six to fourteen years.
2. Provision for early childhood, care and education to children below the age of six years is a Fundamental Right in India.

Which of the statements given above is/ are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

33. Which Indian states fall on the Tropic of Cancer?

- (a) Punjab, Rajasthan, Madhya Pradesh and Jharkhand
- (b) Rajasthan, Madhya Pradesh, Chhattisgarh and Odisha
- (c) Madhya Pradesh, Chhattisgarh, Tripura and Manipur
- (d) Gujarat, Rajasthan, Madhya Pradesh and Mizoram

34. Sinkholes, sinking streams, caves and springs are part of which one of the following topographies ?

- (a) Karst topography
- (b) Aeolian Landforms
- (c) Glacial Landforms
- (d) None of the above

35. Consider the following statements with reference to folding?

1. The process of folding occurs when rock is compressed, as it is along colliding plate boundaries.
2. Upturned folds are called anticlines and down turned folds are called synclines.

Which of the statements given above is/ are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

36. The Harangi, Hemavati, Shimsha and Arkavati rivers are tributaries of which one of the following rivers?

- (a) Godavari
- (b) Mahanadi
- (c) Krishna
- (d) Cauvery

37. Consider the following statements regarding coral reef ecosystems :

1. Polyps of reef-building corals contain zooxanthellae, which exist with the animals in a symbiotic relationship.
2. Most reef-building corals live in clear, shallow waters.

Which of the statements given above is/ are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

38. Consider the following crops of India :

1. Wheat
2. Mustard
3. Rice
4. Maize

How many of the above crops are Kharif Crops in India ?

- (a) Only one
- (b) Only two
- (c) Only three
- (d) All four



39. Consider the following states :

1. Uttar Pradesh
2. Maharashtra
3. Tamil Nadu
4. Karnataka
5. Haryana

How many of the above states are generally known for sugarcane production ?

- (a) Only two
- (b) Only three
- (c) Only four
- (d) All five

40. Consider the following pairs :

Ramsar Sites	Indian States
1. Pichavaram Mangrove	Tamil Nadu
2. Karaivetti Bird Sanctuary	West Bengal
3. Magadi Kere Conservation Reserve	Odisha

How many of the above pairs are correctly matched?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

41. Consider the following statements with reference to blockchain technology?

1. Blockchain enables businesses to transact in real time at any hour of the day.
2. Blockchain powers cryptocurrencies, which are digital currencies that are maintained by a decentralised system.

Which of the statements given above is/ are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

42. In the context of economy and banking, consider the following statements with reference to the Basel Committee :

1. It was established by the central bank Governors of some countries.
2. It is headquartered at the Bank for International Settlements in Basel.
3. Basel II norms did not have any provisions regarding supervisory review of an institution's capital adequacy.

Which of the statements given above is/ are correct?

- (a) 1 and 2 only
- (b) 2 only
- (c) 2 and 3 only
- (d) 3 only

43. Consider the following statements regarding Capital Adequacy Ratio :

1. It is an indicator of how well a bank can meet its obligations.
2. This ratio compares capital to risk-weighted assets.

Which of the statements given above is/ are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

44. Consider the following impacts of inflation in an economy?

1. Reduction in the purchasing power of consumers
2. Borrowers are likely to get loans at lower interest rates

Which of the above is/are impacts of rising inflation?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2



45. Consider the following statements regarding changing interest rates in an economy :

1. When a country's official interest rate is raised, its currency will appreciate.
2. The price of stocks can also fluctuate when interest rates are changed.

Which of the statements given above is/ are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

46. Consider the following countries :

1. India
2. Iran
3. Uzbekistan
4. Kazakhstan

How many of the above countries are members of Shanghai Cooperation Organisation?

- (a) Only one
- (b) Only two
- (c) Only three
- (d) All four

47. Consider the following statements with reference to Consumer Price Index of India :

1. It measures changes over time in the general level of prices of goods but not services.
2. It is not used for indexing dearness allowance to employees for increases in prices.

Which of the statements given above is/ are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

48. It is a multilateral development bank established by BRICS countries. The Bank is headquartered in Shanghai, China with regional offices in South Africa and Brazil.

Which one of the following banks is depicted above?

- (a) Asian Development Bank
- (b) New Development Bank
- (c) World Bank
- (d) None of the above

49. Consider the following statements with reference to the World Trade Organisation :

1. It is the successor to the General Agreement on Tariffs and Trade (GATT).
2. The World Trade Organization was established in 1976.

Which of the statements given above is/ are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

50. The Agreement on the Application of Sanitary and Phytosanitary Measures (the "SPS Agreement"), often seen in news, is related to which one of the following organisations?

- (a) World Meteorological Organisation
- (b) World Trade Organisation
- (c) International Monetary Fund
- (d) All of the above

51. Consider the following statements :

1. The repo rate is the interest rate at which the Reserve bank of India lends money to commercial banks in India.
2. The reverse repo rate is the rate at which a Reserve Bank of India borrows money from commercial banks of India.

Which of the statements given above is/ are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

52. World Economic Outlook is published by which one of the following?

- (a) World Bank
- (b) International Monetary Fund
- (c) World Economic Forum
- (d) World Trade Organisation



53. Consider the following statements with reference to the interim budget :
1. The term interim Budget refers to the budget of a government that is going through a transition period.
 2. The term interim budget is mentioned in the constitution of India.
- Which of the statements given above is/ are correct?
- (a) 1 only
 - (b) 2 only
 - (c) Both 1 and 2
 - (d) Neither 1 nor 2
54. The All India Consumer Price Index number for Agricultural Labourers (CPI-AL) is compiled by which one of the following?
- (a) Central Statistical Organisation
 - (b) Ministry of Finance
 - (c) Ministry of Commerce and Industry
 - (d) None of the above
55. With reference to the stagflation in an economy, consider the following statements :
1. It is a condition in which there is slow economic growth and rising prices of commodities.
 2. During stagflation, the unemployment rate decreases significantly.
- Which of the statements given above is/ are correct?
- (a) 1 only
 - (b) 2 only
 - (c) Both 1 and 2
 - (d) Neither 1 nor 2
56. With reference to the five year plans of India, consider the following statements :
1. The First Five-Year Plan was based on the Gadgil formula.
 2. The Second Five-Year plan focussed on rapid industrialization- heavy & basic industries.
- Which of the statements given above is/ are correct?
- (a) 1 only
 - (b) 2 only
 - (c) Both 1 and 2
 - (d) Neither 1 nor 2
57. Consider the following statements regarding Zero Coupon Bonds :
1. It is a debt security instrument that does not pay interest.
 2. Zero-coupon bonds trade at deep discounts, offering full face value profits at maturity.
- Which of the statements given above is/ are correct?
- (a) 1 only
 - (b) 2 only
 - (c) Both 1 and 2
 - (d) Neither 1 nor 2
58. With reference to the Indian economy, consider the following statements :
1. Commercial paper is an unsecured, short- term debt instrument issued by corporations.
 2. Certificate of Deposit is a fixed-income financial instrument governed under the Reserve Bank and India.
- Which of the statements given above is/ are correct?
- (a) 1 only
 - (b) 2 only
 - (c) Both 1 and 2
 - (d) Neither 1 nor 2
59. P. J. Nayak committee is related to which one of the following?
- (a) Primary Education
 - (b) Transgenders' rights
 - (c) Banks Board Bureau
 - (d) Right to Privacy
60. Consider the following statements :
1. Disinflation is a temporary slowing of the pace of price inflation.
 2. A recession is generally defined as having negative GDP growth for at least ten consecutive quarters.
- Which of the statements given above is/ are correct?
- (a) 1 only
 - (b) 2 only
 - (c) Both 1 and 2
 - (d) Neither 1 nor 2



61. Consider the following statements regarding the Regulating Act of 1773 :
1. It designated the Governor General of Bengal as the 'Governor General of India'.
 2. It provided for the establishment of a Supreme Court at Calcutta.
- Which of the statements given above is/ are correct?
- (a) 1 only (b) 2 only
(c) Both 1 and 2 (d) Neither 1 nor 2
62. Right to Privacy is a part of which Article of the Indian constitution?
- (a) Article 17
(b) Article 19
(c) Article 21
(d) Article 32
63. Who amongst the following was the first Governor General of British India ?
- (a) Lord William Bentick
(b) Lord Warren Hastings
(c) Lord Canning
(d) Lord Curzon
64. Consider the following pairs :
- | Features of Indian Constitution | Borrowed From |
|--|----------------------|
| 1. Office of Governor : | USA |
| 2. Concurrent List : | Germany |
| 3. Fundamental Rights : | Russia |
- How many of the above pairs are correctly matched?
- (a) Only one (b) Only two
(c) All three (d) None
65. Consider the following statements with reference to the Sardar Swaran Singh Committee :
1. The committee recommended the inclusion of a separate chapter on fundamental duties in the Constitution.
 2. It recommended that the duty to pay taxes should also be a Fundamental Duty of the citizens.
- Which of the statements given above is/ are correct?
- (a) 1 only
(b) 2 only
(c) Both 1 and 2
(d) Neither 1 nor 2
66. Consider the following statements with reference to the Article 20 of Indian constitution :
1. It grants protection against arbitrary and excessive punishment to an accused person.
 2. No person accused of any offence shall be compelled to be a witness against himself.
- Which of the statements given above is/ are **incorrect**?
- (a) 1 only
(b) 2 only
(c) Both 1 and 2
(d) Neither 1 nor 2
67. Consider the following Directive Principles of State Policy (DPSP) :
1. To secure opportunities for the healthy development of children.
 2. To promote equal justice and to provide free legal aid to the poor.
 3. To take steps to secure the participation of workers in the management of industries.
- How many of the above principles have been added to the DPSP through the 42nd Constitutional Amendment Act, 1976?
- (a) Only one
(b) Only two
(c) All three
(d) None
68. Consider the following features of the Indian Constitution :
1. Integrated judiciary
 2. Emergency provisions
 3. Written constitution
- How many of the above are unitary features of the Indian constitution?
- (a) Only one
(b) Only two
(c) All three
(d) None



69. Who amongst the following has the power to increase the number of judges in the Supreme Court of India?
- The Chief Justice of India
 - The Law Commission
 - The Prime Minister of India
 - None of the above
70. With reference to the joint sitting of the Parliament of India, consider the following statements :
- No provision for Joint sitting has been mentioned anywhere in the Indian constitution.
 - A joint sitting is not applicable in case of a constitutional amendment bill.
- Which of the statements given above is/ are correct?
- 1 only
 - 2 only
 - Both 1 and 2
 - Neither 1 nor 2
71. Consider the following statements with reference to Indian Polity :
- The President can pardon sentences inflicted by court martial while the governor cannot.
 - Both the President and Governor can pardon death sentences.
- Which of the statements given above is/ are correct?
- 1 only
 - 2 only
 - Both 1 and 2
 - Neither 1 nor 2
72. Which of the following statements are correct with reference to the impeachment of the President of India ?
- The President can be removed from office by a process of impeachment for 'violation of the Constitution'.
 - The impeachment charges can be initiated by either House of Parliament.
 - Nominated members of either House of Parliament can participate in the impeachment of the President.
- Select the correct answer using the code given below:
- 1 and 2 only
 - 2 and 3 only
 - 1 and 3 only
 - 1, 2 and 3
73. Consider the following statements with reference to the implications of national emergency in India :
- While a proclamation of National Emergency is in operation, the life of the Lok Sabha may be extended beyond its normal term.
 - When a proclamation of national emergency is made, the six Fundamental Rights under Article 19 can be suspended.
- Which of the statements given above is/ are correct?
- 1 only
 - 2 only
 - Both 1 and 2
 - Neither 1 nor 2
74. Tenth schedule of the Indian constitution comprises provisions related to which one of the following ?
- Panchayats
 - Anti-Defection law
 - Municipalities
 - Languages
75. Consider the following committees :
- The Political Affairs Committee
 - The Economic Affairs Committee
- Which of the above committees is/ are chaired by the Prime Minister of India?
- 1 only
 - 2 only
 - Both 1 and 2
 - Neither 1 nor 2
76. Consider the following conditions/ qualifications :
- He/ She should have been a judge of a High Court for five years.
 - He/ She should be of at least 35 years of age.
- Which of the above qualifications is/ are required for a person to be appointed as a judge of the Supreme Court ?
- 1 only
 - 2 only
 - Both 1 and 2
 - Neither 1 nor 2



77. Which one of the following Articles provides for the original jurisdiction of the Supreme Court in centre-state and inter-state disputes?
- Article 262
 - Article 74
 - Article 131
 - Article 32
78. Which of the following commissions in India have a constitutional backing ?
1. National Commission for Scheduled Caste
 2. National Commission for Scheduled Tribe
 3. National Commission for Backward Classes
 4. National commission for Women
- Select the correct answer using the code given below:
- 1, 2 and 4 only
 - 1, 2 and 3 only
 - 2, 3 and 4 only
 - 1, 2, 3 and 4
79. Consider the following statements with reference to Attorney General of India :
1. He/ She can be a member of a committee of the Lok Sabha.
 2. He/ She can vote in the Lok Sabha.
- Which of the statements given above is/ are correct?
- 1 only
 - 2 only
 - Both 1 and 2
 - Neither 1 nor 2
80. Which part of the Constitution of India has declared the ideal of a Welfare State?
- Fundamental Rights
 - Preamble
 - Directive Principles of State Policy
 - None of the above
81. Stockholm Convention is related to which one of the following ?
- Persistent Organic Pollutants
 - Migratory Birds
 - Water Conservation
 - None of the above
82. Minamata Convention is related to:
- Nitrogen
 - Mercury
 - Ozone
 - Uranium
83. Consider the following statements :
1. The Basel Convention is for the Control of Transboundary Movements of Hazardous Wastes.
 2. The Rotterdam Convention is for the Prior Informed Consent Procedure for certain hazardous Chemicals and Pesticides in international trade.
- Which of the statements given above is/ are correct?
- 1 only
 - 2 only
 - Both 1 and 2
 - Neither 1 nor 2
84. Consider the following statements with reference to Ozone depletion ?
1. When the chlorine atoms in the atmosphere come in contact with ozone, they destroy ozone molecules.
 2. Methyl bromide is not an ozone-depleting substance.
- Which of the statements given above is/ are correct?
- 1 only
 - 2 only
 - Both 1 and 2
 - Neither 1 nor 2
85. The Vienna Convention is related to which one of the following ?
- Space Debris
 - Ozone layer
 - Water pollution
 - Soil conservation



86. Which of the following are the sources of methane emission ?

1. Landfills
2. Oil and natural gas systems
3. Agricultural activities
4. Coal mining
5. Wastewater treatment

Select the correct answer using the code given below:

- (a) 1, 2 and 5 only
- (b) 2, 3, 4 and 5 only
- (c) 1, 2, 3 and 4 only
- (d) 1, 2, 3, 4 and 5

87. Consider the following statements :

1. Commensalism is an association between two different organisms in which one is always benefited.
2. Amensalism is an association between two different organisms in which one is always harmed.

Which of the statements given above is/ are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

88. With reference to incremental cash reserve ratio (ICRR), consider the following statements:

1. ICRR as a tool is used as an effective measure during the times of demonetisation.
2. The ICRR is a temporary measure aimed at absorbing the excess liquidity from the banking system.
3. ICRR is used as a part of easy money policy.

How many of the above statements are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

89. With reference to the Shree Jagannath Temple of Puri, consider the following pairs :

Structure	Meaning
1. Jagmohan	: Sanctum sanctorum
2. Nata Mandap	: Dance hall
3. Vimana	: Hall facing the sanctum-sanctorum

How many of the above pairs are **incorrectly** matched?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

90. Consider the following statements regarding National Plan for Conservation of Aquatic Ecosystems (NPCA) :

1. The Wetlands Division of the Ministry of Jal Shakti is implementing this scheme.
2. It is a central sector scheme.
3. The scheme aims at holistic conservation and restoration of wetlands for achieving the desired water quality enhancement.

How many of the above statements are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

91. Which of the following statements are correct with reference to the Unified Payments Interface (UPI) ?

1. It is a system that powers multiple bank accounts into a single mobile application.
2. It is an instant real-time payment system developed by National Payment Corporation of India.
3. It has a Single Click 4 Factor Authentication.

Select the correct answer using the code given below:

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) 1, 2 and 3



92. With reference to the heat exchangers or regenerative burners, consider the following statements :

1. In the case of heat exchangers, the heat exchange between incoming combustion air and outgoing combustion fumes takes place directly.
2. The regenerative burners allow air recuperation at the lowest temperatures and do not work on high temperatures.

Which of the statements given above is/ are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

93. Shako Cho glacial lake, recently seen in the news, is located in which one of the following states of India?

- (a) Sikkim
- (b) Jharkhand
- (c) Uttarakhand
- (d) Andhra Pradesh

94. Recently the 'Orb' device in the 'Worldcoin project' was seen in the news, it is associated with :

- (a) Iris Scanner
- (b) Chatbot
- (c) Automated Teller Machine
- (d) GPS system

95. Lebanon borders which of the following countries?

1. Jordan
2. Syria
3. Israel

Select the correct answer using the code given below:

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) 1, 2 and 3

96. Consider the following pairs:

Prayag	Confluence of
1. Vishnuprayag :	Alaknanda and Dhauliganga
2. Devprayag :	Alaknanda and Bhagirathi
3. Rudraprayag :	Alaknanda and Mandakini

Which of the pairs given above are correctly matched?

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) 1, 2 and 3

97. Consider the following statements :

Statement- I :

Critically ill patients in India should not be admitted to Intensive Care Units (ICUs) if they or their next of kin refuse the intensive treatment.

Statement- II :

The Union Ministry of Health and Family Welfare has given recommendations on ICU admission and discharge.

Which one of the following is correct in respect of the above statements?

- (a) Both Statement-I and Statement-II are correct and Statement-II is the correct explanation for Statement-I
- (b) Both Statement-I and Statement-II are correct and Statement-II is not the correct explanation for Statement-I
- (c) Statement-I is correct but Statement-II is incorrect
- (d) Statement-I is incorrect but Statement-II is correct

98. Golden Gate declaration has been recently adopted in 2023 at :

- (a) Asia-Pacific Economic Cooperation (APEC) Leaders' Summit
- (b) ASEAN Defence Ministerial Summit
- (c) SCO Head of the State Summit
- (d) None of the above

99. Consider the following pairs :

Space Payloads	Purpose
1. SoLEXS	: X-ray Spectrometer
2. PAPA	: Plasma Analyser
3. SUIT	: Magnetometer

How many of the above pairs are correctly matched?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

100. Consider the following statements regarding World Employment and Social Outlook: Trends 2024 report:

- 1. It is released by the International Labour Organisation (ILO).
- 2. As per the report, the global unemployment rate is set to decrease in 2024.
- 3. It says that the global unemployment rate in 2023 was less than 2%.

Which of the statements given above is/ are **incorrect**?

- (a) 1 and 2 only
- (b) 2 only
- (c) 2 and 3 only
- (d) 3 only

Directions for the following 8 (eight) items :

Read the following **eight passages** and answer the items that follow. Your answers to these items should be based on passages only.

Passage-1

The Union Health Ministry's recent directive urging doctors to provide justifications for antibiotic prescriptions is a positive move to combat the overuse of broad-spectrum antibiotics in India. Despite a decade-long policy to curb antibiotic misuse, monitoring remains inadequate, leading to rising resistance. The issue extends to hospitals, where a recent study shows widespread antibiotic prescriptions. The call for a nuanced approach considering diverse healthcare settings echoes the 2013 Chennai Declaration. The government's initiative prompts a crucial dialogue, urging the medical community to actively engage and address this multifaceted challenge.

101. What is the **main concern or challenge** addressed in the passage regarding antibiotic use in India?

- (a) The ineffectiveness of broad-spectrum antibiotics against certain bacteria.
- (b) The need for a government-mandated uniform dosage strategy for all healthcare settings.
- (c) The lack of public awareness about the dangers of antibiotic resistance.
- (d) The ongoing practice of antibiotic prescriptions despite existing regulations and potential consequences.

Passage-2

At the heart of agroecology is the idea that agro-ecosystems should mimic the biodiversity levels and functioning of natural ecosystems. Such agricultural mimics, like their natural models, can be productive, pest-resistant, nutrient conserving, and resilient to shocks and stresses. In ecosystems there is no 'waste', nutrients are recycled indefinitely. Agroecology aims at closing nutrient loops, i.e., returning all nutrients that come out of the soil back to the soil such as through application of farmyard manure. It also harnesses natural processes to control pests and build soil fertility i.e., through intercropping. Agroecological practices include integrating trees with livestock and crops.

102. Consider the following:

- 1. Cover crops
- 2. Fertigation
- 3. Hydroponics
- 4. Mixed farming
- 5. Polyculture
- 6. Vertical farming

Which of the above farming practices can be compatible with agroecology, as implied by the passage?

- (a) 1, 4 and 5 only
- (b) 2, 3, 4 and 5 only
- (c) 1, 2, 3 and 6 only
- (d) 4 and 6 only



Passage-3

In India, authorities always look to store the maximum amount of water in reservoirs during the monsoon season, which is then used for irrigation and generation of electricity during the summer months. It is an internationally accepted practice that the water level of a reservoir should be kept below a certain level before the onset of monsoon season. This is so that when monsoon rains come, there is space to store the excess rainwater and also so that water can be released in a regulated manner. But the authorities store the maximum amount of water in reservoirs even before the close of the monsoon, only to ensure greater electricity generation and irrigation.

103. With reference to the above passage, the following **assumptions** have been made:

1. High risks involved in holding maximum water in reservoirs are due to our over-dependence on hydropower projects.
2. Storage capacity of dams should not be fully used before or during monsoon season.
3. Role of dams in flood control is underestimated in India.

Which of the above assumptions is/are valid?

- (a) 1 and 2 only (b) 2 only
(c) 3 only (d) 1, 2 and 3

Passage-4

Soil, in which nearly all our food grows, is a living resource that takes years to form. Yet it can vanish in minutes. Each year 75 billion tonnes of fertile soil is lost to erosion. That is alarming – and not just for food producers. Soil can trap huge quantities of carbon dioxide in the form of organic carbon and prevent it from escaping into the atmosphere.

104. On the basis of the above passage, the following **assumptions** have been made:

1. Large scale soil erosion is a major reason for widespread food insecurity in the world.
2. Soil erosion is mainly anthropogenic.
3. Sustainable management of soils helps in combating climate change.

Which of the above assumptions is/are valid?

- (a) 1 and 2 only
(b) 3 only
(c) 2 and 3 only
(d) 1, 2 and 3



Passage-5

India's educational system is modelled on the mass education system that developed in the 19th century in Europe and later spread around the world. The goal of the system is to condition children as 'good' citizens and productive workers. This suited the industrial age that needed the constant supply of a compliant workforce with a narrow set of capabilities. Our educational institutes resemble factories with bells, uniforms and batch-processing of learners, designed to get learners to conform. But, from an economic point of view, the environment today is very different. It is a complex, volatile and globally interconnected world.

105. With reference to the above passage, the following **assumptions** have been made:

1. India continues to be a developing country essentially due to its faulty education system.
2. Today's learners need to acquire new-age skill-sets.
3. A good number of Indians go to some developed countries for education because the educational systems there are a perfect reflection of the societies in which they function.

Which of the above assumptions is/ are valid?

- (a) 1 and 3 only
(b) 2 only
(c) 2 and 3 only
(d) 1, 2 and 3

Passage-6

Spending time in nature has a profound impact on our well-being, offering a sense of tranquillity and connection to the world around us. The sight of lush greenery, the sound of birds chirping, and the feel of fresh air can evoke feelings of peace and rejuvenation. Research has shown that spending time in natural environments can reduce stress, improve mood, and enhance overall mental health. By immersing ourselves in nature, we can recharge our batteries and find solace in the beauty of the natural world.



106. Which one of the following best reflects the **central idea** of the passage given above?

- (a) Urban environments lack the tranquility and connection to nature necessary for well-being.
- (b) The sounds of nature, such as birds chirping, have a calming effect on our senses.
- (c) Nature enhances well-being with tranquility, connection, and mental health benefits.
- (d) Achieving peace and rejuvenation requires immersing oneself in the beauty of the natural world.

Passage-7

The Micro, Small, and Medium Enterprises (MSME) sector is crucial for India's economic growth, contributing significantly to GDP and employment. Despite challenges like irregular raw material supply and lack of finance, MSMEs play a vital role in socio-economic development. To further support their growth, governments should simplify registration processes, provide easier access to finance, and enhance infrastructure and marketing facilities. Collaborative efforts between governments and MSME entrepreneurs can help upgrade technology and ensure MSMEs remain competitive in global markets, fostering inclusive growth and self-sufficiency in manufacturing and services.

107. Which one of the following statements best reflects the **central theme** of the passage given above?

- (a) The collaboration between governments and MSME entrepreneurs is essential for upgrading technology and ensuring competitiveness in global markets.
- (b) Challenges like irregular raw material supply and lack of finance hinder the growth of the MSME sector in India.
- (c) The MSME sector contributes significantly to India's GDP and employment, emphasizing its importance for economic growth.
- (d) Enhancing infrastructure and marketing facilities is necessary to support the growth of MSMEs and foster inclusive development.

Passage-8

In today's fast-paced society, the relentless pursuit of productivity has left many individuals functioning merely as workers, neglecting their essential human needs. Excessive labor permeates every aspect of life, stifling the spiritual growth of individuals. Leisure time is scarce and often squandered on mindless entertainment rather than meaningful pursuits. Consequently, the cultural landscape of our era is dominated by passive forms of amusement like streaming services and sensationalized media, rather than nourishing literature or thought-provoking theatre.

108. Why does the passage suggest that individuals' spiritual growth is restrained?

- (a) Due to lack of intellectual capacity.
- (b) Because of time constraints.
- (c) Driven by materialistic distractions.
- (d) As a result of a preference for amusement and mental idleness.

109. Two Statements S1 and S2 are given below followed by a Question:

S1: p is a prime number.

S2: p leaves a remainder of 3 when divided by 4.

Question: If p is a unique natural number between 20 and 30, then what is p ?

Which one of the following is correct in respect of above Statements and the Question?

- (a) S1 alone is sufficient to answer the Question.
- (b) S2 alone is sufficient to answer the Question.
- (c) S1 and S2 together are sufficient to answer the Question, but neither S1 alone nor S2 alone is sufficient to answer the Question.
- (d) S1 and S2 together are not sufficient to answer the Question.

110. A 3-digit number is reversed. The smaller of the two numbers is subtracted from the larger one. What is the largest possible difference?

- (a) 792
- (b) 891
- (c) 693
- (d) 495



111. If $20 \times 19 \times 18 \times \dots \times 3 \times 2 \times 1 = (5^x) y$ where x and y are positive integers, then what is the maximum value of x ?
- (a) 3 (b) 4
(c) 5 (d) 6
112. In a 900-meter race, X starts 60 meters ahead of Y, but Y wins the race while X is still 20 meters behind. What is the ratio of the speeds of Y to X assuming that both start at the same time?
- (a) 45:41
(b) 6:5
(c) 25:21
(d) 19:17
113. Sarah cuts a ribbon into three pieces. The length of the first piece is equal to the average length of the two smallest composite numbers. The length of the second piece is two times the length of the first piece. The third piece is as long as the first two pieces combined. The length of the original ribbon is:
- (a) 15
(b) 20
(c) 25
(d) 30
114. Four cities P, Q, R and S lie in a straight line with overall distance of 100 kms. City S is 100kms from the City Q. City P is exactly between S and R. The distance from City R to City Q is 20 kms more than it is from City S to City R. Find out how far is City R from City Q.
- (a) 40kms
(b) 20kms
(c) 50kms
(d) 60kms
115. In a city, 35% of the residents subscribe to the streaming service A, 40% subscribe to B, and 30% subscribe to C. However, 20% subscribe to both A and B, 15% subscribe to both B and C, and 18% subscribe to both A and C. Additionally, 8% subscribe to all three services. What percentage of residents do not subscribe to any of the streaming services?
- (a) 30% (b) 35%
(c) 40% (d) 50%
116. In a classroom, there are seven students – A, B, C, D, E, F, and G – each having distinct heights. Only four students are shorter than A. G is shorter than E only. B is just shorter than A. C is taller than F but is not the second shortest student. F is not the shortest student. Who among the students is the shortest?
- (a) D
(b) B
(c) C
(d) F
117. Which year has the same calendar as that of 2025?
- (a) 2037
(b) 2032
(c) 2033
(d) 2031
118. Let x, y be the volumes; m, n be the masses and u and v be the density of two metallic cubes P and Q respectively. Each side of Q is half the size of P, and the mass of Q is one-eighth the mass of P. If $u = m/x$ and $v = n/y$, which one of the following is correct?
- (a) $u = v$
(b) $u = v/2$
(c) $3u = v$
(d) $u = 4v$
119. A student appeared in 5 papers. The maximum marks are the same for each paper. His marks in these papers are in the proportion 4.5:6:7:7:8. Overall, he scored 65% of the total possible marks. In how many papers did he score less than 65% of the maximum marks?
- (a) 1
(b) 2
(c) 3
(d) 4



120. Sarah was born 5 years after her parents' marriage. Her mother is two years younger than her father and 26 years older than Sarah, who is 12 years old. At what age did Sarah's father get married?

(a) 20
(b) 21
(c) 23
(d) 28

121. If an item is sold for ₹225 at a loss of 25%, then what should be its selling price in order to earn a profit of 15%?

(a) ₹300
(b) ₹320
(c) ₹325
(d) ₹345

122. A person takes a loan of ₹15,000 at 10% interest compounded annually. At the end of the first year, he paid ₹5000 and at the end of the second year, he paid back ₹6000. How much will he have to pay at the end of the third year to clear the entire loan amount?

(a) ₹6650
(b) ₹7315
(c) ₹7800
(d) ₹6800

123. A cistern has two inlet pipes, A and B. Pipe A can fill the cistern in 12 hours, and pipe B can fill it in 15 hours. If both pipes are opened together, but an outlet pipe C is also opened at the same time, the cistern fills completely in 10 hours. How long would it take pipe C alone to empty a full cistern?

(a) 18 hours
(b) 20 hours
(c) 24 hours
(d) 30 hours

124. A plane travels from city A to city B at an average speed of 400 km/hr. It returns from B to A at an average speed of 500 km/hr. It then travels again from A to B at 600 km/hr, and once again from B to A at 800 km/hr. What is the average speed of the plane for the entire journey?

(a) Less than 400 km/hr
(b) Between 400 km/hr and 500 km/hr
(c) Between 500 km/hr and 600 km/hr
(d) Between 600 km/hr and 800 km/hr

125. Consider the Question and two Statements given below:

Question: Is x an even integer?

Statement-1: $x - 5$ is an odd integer.

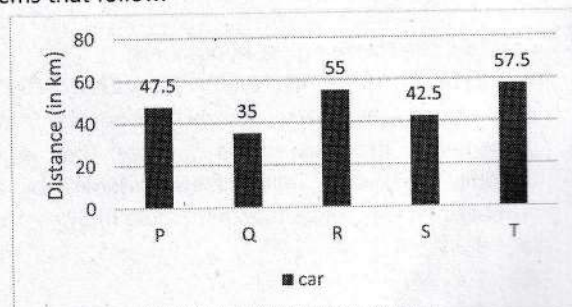
Statement-2: $x/2$ is an integer.

Which one of the following is correct in respect of the above question and the statements?

- (a) The Question can be answered by using one of the Statements alone, but cannot be answered using the other Statement alone.
(b) The Question can be answered by using either Statement alone.
(c) The Question can be answered by using both the Statements together, but cannot be answered using either Statement alone.
(d) The Question cannot be answered even by using both the Statements together.

Directions for the following 2 (two) items:

The following **two items** are based on the graph given below which shows distance (in Km) travelled by five different cars in a day. Study the graph and answer the two items that follow.



126. What is the ratio of the distance travelled by Car P to the distance travelled by Car S?

(a) 1.7: 1.9
(b) 1.9: 1.7
(c) 1.1: 1.5
(d) 1.5: 1.1



127. The distance travelled by Car T is approximately what per cent of the total distance travelled by Cars Q and R together?

- (a) 55%
- (b) 58%
- (c) 60%
- (d) 64%

128. Three persons start walking together and their steps measure 40 cm, 42 cm and 45 cm respectively. What is the minimum distance each should walk so that each can cover the same distance in complete steps?

- (a) 25 m 20 cm
- (b) 50 m 40 cm
- (c) 75 m 60 cm
- (d) 100 m 80 cm

129. A bell rings every 18 minutes. A second bell rings every 24 minutes. A third bell rings every 32 minutes. If all the three bells ring at the same time at 8 o'clock in the morning, at what other time will they all ring together?

- (a) 12:40 hrs
- (b) 12:48 hrs
- (c) 12:56 hrs
- (d) 13:04 hrs

130. What is the missing term @ in the following?
BEHO : XQNK :: JLPR : @

- (a) SUYA
- (b) AYUS
- (c) SYAU
- (d) AUYS

131. Consider the following set of numbers:

4, 9, 7, 12, 10, 15, 13, 18, 16, 21, 19, 24, 22, 27, 25, 29
How many numbers in this sequence are immediately preceded by a number that is a multiple of 3, and immediately followed by a number that is one less than a multiple of 3?

- (a) 0
- (b) 1
- (c) 3
- (d) 4

132. The series _zxz_xz_zx_zzz follows a particular order.

Which of the following will come in the given blanks so that the sequence is complete?

- (a) xzzz
- (b) xzxz
- (c) zxzz
- (d) zxzx

133. In a certain code, '741' means 'yellow paper bag', '648' means 'blue paper cup' and '137' means 'yellow plastic bag'. The digit in the code that indicates 'plastic' is-

- (a) 1
- (b) 3
- (c) 7
- (d) 4

134. Two Statements followed by four Conclusions are given below. You have to take the Statements to be true even if they seem to be at variance from the commonly known facts. Read all the Conclusions and then decide which of the given Conclusions logically follows/follow from the Statements, disregarding the commonly known facts:

Statement 1: All fruits are vegetables.

Statement 2: Some vegetables are flowers.

Conclusions:

- 1. All flowers are fruits.
- 2. Some fruits are flowers.
- 3. No vegetable is a fruit.
- 4. Some flowers are vegetables.

Which one of the following is correct?

- (a) Only Conclusion-1
- (b) Only Conclusion-4
- (c) Both Conclusion-1 and Conclusion-3
- (d) Both Conclusion-2 and Conclusion-3

135. Choose the correct option which represents the same relationship as the first two have.

Pacifist : Peace :: Vandal : ?

- (a) Creation
- (b) Destruction
- (c) Preservation
- (d) Order



136. In a drawing competition, five friends – Anya, Bella, Chris, Dev, and Eva – participated and their drawings were ranked from 1 to 5 without any ties (1 being the best).

Consider the following information in this regard:

1. Dev's drawing ranked higher than Eva's drawing.
2. Anya's drawing was ranked lower than Chris's drawing.
3. Bella's drawing was neither the best nor the last, but ranked lower than Eva's.

Given that Chris's drawing was ranked third, which one of the following friends could have been ranked in first place?

- (a) Anya
- (b) Bella
- (c) Dev
- (d) None of the above

137. Seven seminars, P, Q, R, S, T, U, and V, each of one hour duration, are scheduled between 9:00 am and 4:00 pm.

Consider the question and the two statements given below:

Which seminar is in the fourth period?

Statement 1: Seminar R is scheduled immediately before S. Seminar Q is scheduled immediately after U but immediately before T.

Statement 2: Seminar V is scheduled first, and there is no seminar after seminar P.

Which one of the following is correct in respect of the Question and the Statements?

- (a) Statement-1 alone is sufficient to answer the question.
- (b) Statement-2 alone is sufficient to answer the question.
- (c) Both Statement-1 and Statement-2 are sufficient to answer the Question.
- (d) Both Statement-1 and Statement-2 are not sufficient to answer the Question.

138. A license plate must consist of one uppercase letter followed by two digits (0-9), and then one special symbol from the set {!, @, #, \$}. To avoid confusion, the letters I and O cannot be used. How many unique license plates can be generated using this pattern?

- (a) 8400
- (b) 9600
- (c) 10200
- (d) 10960

139. Consider the following Statement and Assumptions:

Statement: The school administration should install additional handwashing stations throughout the school.

Assumptions:

1. Installing more handwashing stations will help reduce the spread of germs.
2. Students frequently complain about not having enough access to handwashing stations.

Which of the above assumptions is/are implicit in the statement?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

140. Consider the following matrix:

3	370	7
2	224	6
1	730	X

What is the number at 'X' in the above matrix?

- (a) 5
- (b) 8
- (c) 9
- (d) 11



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

1. A did not wear shirt of black colour.
2. B did not wear shirt of blue colour.
3. C did not wear shirt of orange colour.
4. A did not wear the pants of green colour.
5. B wore pants of orange colour.

What were the colours of the pants and shirt worn by C, respectively?

- (a) Orange and black
- (b) Green and blue
- (c) Yellow and blue
- (d) Yellow and black

142. Some equations are solved on the basis of a certain system. Find the correct answer for the unsolved equation on the same pattern.

$$9 \times 6 = 33 \quad 7 \times 4 = 23 \quad 5 \times 8 = ?$$

- (a) 33
- (b) 35
- (c) 37
- (d) 29

143. What is the missing number 'X' of the series 9, X, 65, 126, 217?

- (a) 36
- (b) 28
- (c) 43
- (d) 23

144. Five people A, B, C, D and E are seated about a round table. Every chair is spaced equidistant from adjacent chairs.

- (i) C is seated next to A.
- (ii) A is seated two seats from D.
- (iii) B is not seated next to A.

Which of the following must be true?

- (I) D is seated next to B.
- (II) E is seated next to A.

Select the correct answer from the codes given below:

- (a) I only
- (b) II only
- (c) Both I and II
- (d) Neither I nor II

145. Consider the following words:

AND FOR THE BIG SUM

If the given words are arranged, from right to left, in the order as they would appear in a dictionary, which of the following will be third from the left?

- (a) FOR
- (b) SUM
- (c) AND
- (d) THE

146. Starting from his house, Raj heads north and walks a certain distance. He then makes a left turn, covers additional distance, takes a right turn, and continues his journey. Finally, he makes a left turn and reaches his destination. What direction does he move in after the final left turn?

- (a) West
- (b) North-West
- (c) North-East
- (d) East

147. Find out the group which is most similar to the given group

23, 92, 828

- (a) 31, 124, 620
- (b) 15, 60, 480
- (c) 17, 51, 255
- (d) 12, 48, 432



148. Consider the Question and two Statements given below:

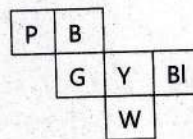
Statement-1: Aman is 3 ranks above Ravi and is 24th from the bottom.

Statement-2: Rina is 4 ranks below Ravi and is 17th from the bottom.

Question: What is Ravi's rank from the top in the class of 40 students?

- (a) Statement-1 alone is not sufficient to answer the Question
- (b) Statement-2 alone is not sufficient to answer the Question
- (c) Either Statement-1 alone or Statement-2 alone is sufficient to answer the Question
- (d) Both Statement-1 and Statement-2 are required to answer the Question

149. Six squares are coloured, front and back, purple (P), brown (B), yellow (Y), grey (G), white (W) and blue (Bl) and are hinged together as shown in the figure given below. If they were folded to form a cube, what would be the face opposite to purple face?



- (a) R
 - (b) G
 - (c) B
 - (d) Y
150. Consider the following series:
7, 19, 37, __, 91
Which one of the following numbers will come in the blank space given above?
- (a) 57
 - (b) 61
 - (c) 67
 - (d) 73