

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

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PowerUp All India Mock Test – 02 (2023) **(29-04-2023)**

(Time Allowed: 2 hours)

(Maximum Marks: 200)

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. *DO NOT* write *anything* else on the Test Booklet.
3. This Test Booklet contains 100 items (questions). Each item comprises four responses (answers). You will select the response which you want to mark on the Answer Sheet.
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.
4. You have to mark all your responses **ONLY** on the separate Answer Sheet provided. See directions in the Answer Sheet. All items carry equal marks.
5. Before you proceed to mark in the Answer Sheet the response to various items in the Test Booklet, you have to fill in some particulars in the Answer Sheet.
6. There will be penalty for wrong answers marked by a candidate. For each wrong answer, one-third of the marks assigned to that question will be deducted as penalty.
7. 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.
8. If a question is left blank, i.e., no answer is given by the candidate, there will be no penalty for that question.
9. After you have completed filling in all your responses on the Answer Sheet and the examination has concluded, you should hand over to the Invigilator *only the Answer Sheet*. You are permitted to take away with you the Test Booklet.

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1. The first Prime Minister of India in 1947 was appointed by:

- (a) Constituent Assembly of India
- (b) President of India
- (c) Governor General of India
- (d) Secretary of State for India

2. With reference to 'Foreign Law Firms' in India, consider the following statements:

- 1. They are not allowed to practice Indian law before any court.
- 2. They are regulated by the Bar Council of India (BCI).
- 3. An Advocate working with these firms can take up only non-litigious matters in India.

Which of the statements given above is/are correct?

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

3. Which of the following provisions of the Constitution of India is/are non-justiciable in nature?

- 1. Right against discrimination
- 2. Right to form association
- 3. Right to adequate livelihood
- 4. Right to propagate religion

Select the correct answer using the code given below:

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

4. Which of the following comes under the exclusive original jurisdiction of the Supreme Court of India?

- (a) Inter-state water disputes
- (b) Dispute arising out of any pre-Constitution treaty
- (c) Interpretation of the Constitution
- (d) Dispute between the Union Government and a State

5. With reference to the 'Defamation in India,' consider the following statements:

- 1. The Constitution of India defines civil and criminal defamation.
- 2. A defamation suit must be filed within 6 months from the date of cause of action.
- 3. It serves as a reasonable restriction to Right to Freedom of Speech and Expression under Article 19 of the Constitution.
- 4. Members of Parliament cannot be sued for defamation for anything they say in Parliament or any of its Committees.

Which of the statements given above are correct?

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

6. The executive functions of the Centre can be entrusted to a State without the consent of that State by a/an:

- (a) Order passed by the President of India
- (b) Resolution passed by the Union Cabinet
- (c) Ordinance issued by the Governor of the State
- (d) Law made by the Parliament

7. With reference to Indian polity, in which of the following cases can a whip be issued by a political party to its members in Parliament?

- 1. For voting in the Presidential election
- 2. When a no-confidence motion is moved against the government
- 3. During the passage of a Money Bill

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

8. With reference to National Political Parties in India, consider the following statements:

1. There are currently six national parties in India.
2. A party recognised as a state party in two states can be granted a national party status.
3. The Election Commission of India is required to review the status of political parties after every Lok Sabha election.

Which of the statements given above is/are correct?

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

9. Consider the following statements:

1. It borders two neighboring countries.
2. It has its own State Anthem "O Mur Apunar Dekh" adopted in 1927.
3. It contains three of the six physiographic divisions of India.

Which one of the following States/Union Territories is described in the statements given above?

- (a) Nagaland
- (b) Assam
- (c) Jammu & Kashmir
- (d) West Bengal

10. Which one of the following statements best describes the term 'Doctrine of Ultra vires'?

- (a) It envisages that an authority can exercise only so much power as is conferred on it by law.
- (b) It is used to determine the essential and non-essential practices of a religion.
- (c) It states that any law which is inconsistent with Fundamental Rights is not valid.
- (d) It states that laws made by a State Legislature are not applicable outside the State.

11. Which one of the following is **not** a Greenhouse Gas (GHG)?

- (a) Methane
- (b) Nitrogen Dioxide
- (c) Ozone
- (d) Water Vapor

12. Which of the following are recognised as natural disasters in India under the Disaster Management Act, 2005?

1. Cyclone
2. Pandemic
3. Cloudburst
4. Hailstorm
5. Pest attack
6. Solar storm
7. Lightning

Select the correct answer using the code given below:

- (a) 1, 5 and 7 only
- (b) 2, 3, 4 and 6 only
- (c) 1, 3, 4 and 5 only
- (d) 1, 2, 3, 4, 5, 6 and 7

13. With reference to 'Carnivorous plants', consider the following statements:

1. They do not undergo photosynthesis.
2. They digest their prey through a process of chemical breakdown similar to the digestion process in animals.
3. They are mostly found in nutrient deficient soils.

Which of the statements given above are correct?

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

14. 'Munroe Thuruthu Island' located at the confluence of Ashtamudi Lake and the Kallada River in Kerala is sometimes seen in the news for which one of the following reasons?

- (a) It stations the Integrated Test Range missile testing facility.
- (b) It has been identified as the site for India's first offshore wind power project.
- (c) It is the prospective location for the monazite reserves.
- (d) It is facing submergence mainly due to anthropogenic reasons.

15. Which of the following statements are correct with reference to High Seas?

1. All oceanic areas beyond 12 nautical miles from the coast are designated as High Seas.
2. They are governed by the United Nations Convention on the Law of the Sea (UNCLOS).
3. The exploration and exploitation of mineral resources on the High Seas require the consent of the International Seabed Authority (ISA).

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

16. Which of the following rivers flow through the Panna Biosphere Reserve?

1. Chambal
2. Betwa
3. Ken
4. Parvati

Select the correct answer using the code given below:

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

17. The 'Bomas technique' is well known for:

- (a) Maintaining genetic biodiversity
- (b) Increasing crop productivity
- (c) Counting of migratory birds
- (d) Rehabilitation of wild animals

18. With reference to the zoos in India, consider the following statements:

1. Zoos cannot be constructed within the National parks.
2. The Central Zoo Authority of India was established as per the Wildlife Protection Act, 1972.
3. Establishment of new zoos requires prior approval from the Central Zoo Authority.

Which of the statements given above is/are correct?

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

19. Which of the following pollutants are released from natural gas pipeline leak?

1. Particulate Matters
2. Methane
3. Chlorofluorocarbons
4. Hydrogen Sulfide
5. Ozone

Select the correct answer using the code given below:

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

20. With reference to 'Biodiversity Heritage Sites (BHS)' consider the following statements:

1. They are designated under the Environment (Protection) Act, 1986.
2. The BHS status is declared only for natural sites with high endemism in wild species.
3. They are notified by the Ministry of Environment, Forest and Climate Change.

Which of the statements given above is/are **not** correct?

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

21. The Dearness Allowance (DA) granted to Central Government employees is computed based on:

- (a) Wholesale Price Index (WPI)
- (b) Consumer Price Index for Rural Labourer (CPI-RL)
- (c) Consumer Price Index for Industrial Workers (CPI-IW)
- (d) Consumer Price Index for Agricultural Labourer (CPI-AL)

22. With reference to Permanent Account Number (PAN) issued by the Income Tax Department, consider the following statements:

1. It remains valid for a lifetime and does not require renewal.
2. A person can hold more than one PAN in case of a change in domicile State.
3. Linkage of PAN and Aadhaar number is mandatory for all citizens above 18 years of age.

Which of the statements given above is/are correct?

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

23. Which of the following are considered as assets of a commercial bank?

1. Reserves at the Central Bank
2. Deposits of customers
3. Paid-up capital
4. Cash at hand
5. Borrowed funds

Select the correct answer using the code given below:

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

24. Which one of the following statements is correct with reference to 'Core inflation'?

- (a) It tracks the level of purchasing power of the consumer and provides a complete picture of the economy.
- (b) It includes temporary price shocks in an economy and provides for short-term policy goals delivery.
- (c) It gives a broad measure of inflation by including overall changes in the prices of a basket of goods and services.
- (d) It is a measure of inflation that excludes volatile items such as food and energy prices.

25. Which of the following steps are likely to be taken by the Reserve Bank of India during a global slowdown?

1. Purchase of bonds in the open market
2. Reducing interest rates
3. Increasing Cash Reserves Ratio
4. Increasing Margin Requirement for loans

Select the correct answer using the code given below:

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

26. Consider the following statements with reference to e-Rupee:

1. It is a fungible legal tender for which holders need not have a bank account.
2. It requires intermediation of the commercial bank to carry out a transaction.

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. Which one of the following best describes the term 'operating profit' of a company?

- (a) money that is earned by carrying out normal business operations
- (b) total earnings from its core business functions excluding the deduction of interest expenses and taxes
- (c) total profit of the company minus the cost of goods sold
- (d) money earned by a business after deducting depreciation, interest, operating expenses and taxes

28. A company X Ltd. in India has some unaccounted money. It opens a shell company in a foreign country and transfers such unaccounted money to this shell company through various illegal transactions. Later, this shell company brings back money to India through foreign investment in X Ltd. This is the most likely description of:

- (a) Treaty Shopping
- (b) Insider Trading
- (c) Round Tripping
- (d) Profit Shifting

29. Consider the following statements:

1. Increase in interest rates by the United States of America (USA) Federal Reserve may lead to capital outflows from India.
2. Appreciation of the US Dollar against the Indian Rupee may decrease foreign exchange reserves 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

30. In an economy, capital expenditure has a greater multiplier effect than revenue expenditure because:

- (a) it does not lead to any increase in budget deficit of the Government
- (b) it does not require any changes in the production process or infrastructure
- (c) it contributes to the creation of long-term physical or financial assets
- (d) it leads to a decrease in assets and increase in liabilities

31. The theme of India's G20 Presidency, 'Vasudhaiva Kutumbakam', which is also engraved at the entry of the Central Hall of the Parliament of India, is taken from:

- (a) Chandogya Upanishad
- (b) Mundaka Upanishad
- (c) Maha Upanishad
- (d) Brihadaranyaka Upanishad

32. Consider the following pairs:

Sl. No.	Organisation		Associated Leaders
1.	Paramahansa Mandali	:	Atmaram Panduranga and Mahadev Govind Ranade
2.	Sadharan Brahmo Samaj	:	Ananda Mohan Bose and Umesh Chandra Dutta
3.	Prarthana Samaj	:	Durgaram Mehtaji and Dadoba Pandurang
4.	Tattvabodhini Sabha	:	Debendranath Tagore and Shridhar Bhattacharya

Which of the pairs given above are correctly matched?

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

33. With reference to the history of India, the terms Mullai, Marutham and Neithal refer to:

- (a) tax rates based on the quality of the land
- (b) ecological regions mentioned in the Sangam texts
- (c) villages donated to Brahmins
- (d) various Jaina sects mentioned in the Brihat Kalpasutra

34. With reference to the architecture of the Mughal Period, consider the following statements:

1. Diwan-i-Khas in Agra Fort was built by Akbar for holding cultural events.
2. Buland Darwaza was built to commemorate the victory of Akbar over Gujarat.
3. Red sandstone was the chief building material used in the making of the Tomb of Itmad-ud-daulah.

Which of the statements given above is/are correct?

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

35. 'Chettiers' and 'Bohras' during the medieval period of Indian history were:

- (a) weavers
- (b) traders
- (c) peasants
- (d) warriors

36. With reference to the 'Vedic Age', consider the following pairs:

Sl. No.	Official		Function
1.	Balisadhakas	:	Justice
2.	Grama Bhojaka	:	Village headman
3.	Shaulkika	:	Collection of custom duty

How many pairs given above is/are correctly matched?

- (a) Only one pair
- (b) Only two pairs
- (c) Only three pairs
- (d) None of the pairs

37. The 'Parrot Lady' sandstone sculpture, recently seen in the news, is associated with which one of the following?

- (a) Sun Temple of Konark
- (b) Temples of Khajuraho
- (c) Kailasa Temple of Ellora
- (d) Sun Temple in Modhera

38. Consider the following statements:

1. Parshvanatha was one of the Jaina Tirthankara.
2. Parshvanatha added four Mahavrats in Jainism.
3. Nagarjuna and Parshvnatha were contemporaries.
4. Nagarjuna is the founder of the Madhyamaka School of Buddhist philosophy.

Which of the statements given above are correct?

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

39. 'Votive Stupas' are related to which one of the following aspects of Buddhism?

- (a) Formation of Mahayana
- (b) Pratitya Samutpada doctrine
- (c) Commemoration of Buddha's presence
- (d) Dhamma policy of Ashoka

40. With reference to Indus Valley Civilization, consider the following statements:

1. Tin and copper were the main items of export.
2. Camels, goats and Oxen were domesticated.
3. Iron ploughs were used to cultivate fields.
4. Both sun-dried and burnt bricks were used to construct houses.

Which of the statements given above are correct?

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

41. Salt is used as an effective preservative for food products because:

- (a) it reduces water activity in food
- (b) it prevents oxidation of food component
- (c) it increases their moisture content
- (d) it decreases the pH level of food

42. A polygraph test tracks which of the following?

1. Breathing rate
2. Blood pressure
3. Eye movements
4. Brain activity

Select the correct answer using the code given below:

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

43. Consider the following activities:

1. Designing proteins for medicines
2. Replication of human emotions and empathy
3. Accurately searching and identifying habitable planetary system
4. Creating pictures based on text descriptions

At the present level of technology, which of the above activities can be successfully carried out by using Generative Artificial Intelligence?

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

44. "Biotransformation Technology" is talked about in the context of:

- (a) Development of Genetically Modified plants
- (b) Treatment of hereditary diseases
- (c) Degradation of plastic wastes
- (d) Conservation of wildlife

45. Which one of the following statements best describes the term 'Roche Limit'?

- (a) It is the point at which a planet's orbit is closest to the Sun.
- (b) It is the minimum distance at which two celestial bodies can approach each other without being destroyed by tidal forces.
- (c) It is the temperature at which a solid material changes to a liquid state.
- (d) It is the boundary between a planet's magnetic field and the stream of charged particles that flows from the Sun.

46. Which of the following are the components of Aviation fuel?

1. Paraffins
2. Cycloparaffins
3. Olefins
4. Kerosene

Select the correct answer using the code given below:

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

47. Which of the following methods are mainly used for rice plantation in India?

1. Broadcasting method
2. Drilling method
3. Ratooning method
4. Sett method

Select the correct answer using the code given below:

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

48. The term 'Proof of Stake', sometimes seen in the news, is related to:

- (a) Facial recognition system
- (b) Blockchain technology
- (c) Radio frequency identification
- (d) Space crafts

49. Which of the following are food-borne diseases?

1. Botulism
2. Hepatitis A
3. Escherichia coli infection
4. Measles

Select the correct answer using the code given below:

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

50. Which one of the following animals have four-chambered hearts?

- (a) Reptiles
- (b) Birds
- (c) Amphibians
- (d) Fish

51. With reference to the Indian polity, the term 'Constitutional Morality' means:

- (a) a system where moral values are enforced in the society by the Constitution
- (b) interpretation of the Constitution based on its core democratic principles
- (c) implementation of the Constitution in a literal sense in order to reduce ambiguity
- (d) interpretation of the Constitution based on the current political and popular opinion

52. With reference to Joint Parliamentary Committee (JPC), consider the following statements:

- 1. It is set up by the President of India.
- 2. It has an equal number of members from Lok Sabha and Rajya Sabha.
- 3. It has the power to summon people for questioning.

Which of the statements given above is/are correct?

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

53. Who among the following were the women members of the Constituent Assembly?

- 1. Rajkumari Amrit Kaur
- 2. Sucheta Kriplani
- 3. Hansa Mehta
- 4. Annie Besant
- 5. Kasturba Gandhi
- 6. Aruna Asaf Ali

Select the correct answer using the code given below:

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

54. Which one of the following bills does **not** require the prior recommendation of the President of India for its introduction in the Parliament?

- (a) Constitutional Amendment Bill
- (b) A State Legislature Bill imposing restrictions on freedom of trade
- (c) A Bill to regulate the borrowing of money by the Union Government
- (d) A Bill that seeks to alter the boundary of a State

55. With reference to the 'Nyaya Panchayats,' consider the following statements:

- 1. They have jurisdiction over both civil and criminal matters.
- 2. Unlike courts, they have the power to investigate facts of the case.
- 3. Lawyers cannot appear before a Nyaya Panchayat in any of its proceedings.

Which of the statements given above is/are correct?

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

56. With reference to 'House Arrest' in India, consider the following statements:

- 1. It is not mentioned in the Code of Criminal Procedure (CrPC), 1973.
- 2. A convicted person placed under house arrest is not eligible to vote in an election.

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. Which of the following is/are common to both National Emergency and the President's Rule in India?

1. State Legislature is either suspended or dissolved
2. No maximum period is prescribed for their operation
3. Affects all the Fundamental Rights of the citizens
4. Parliament can make laws on the State subjects

Select the correct answer using the code given below:

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

58. Consider the following:

1. UN Security Council
 2. UN Human Rights Council
 3. UN Statistical Commission
 4. UN Industrial Development Organization
- India is a member of which of the above United Nations (UN) bodies?

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

59. The terms 'Urals, Sokol and Varandey', sometimes seen in the news, are:

- (a) Tribes in Africa
- (b) Disputed islands in the Pacific Ocean
- (c) Grades of crude oil from Russia
- (d) Rivers that flow into the Black Sea

60. The British East India Company was formally dissolved through:

- (a) The Government of India Act, 1858 with the nationalization of Indian possessions
- (b) The Royal Titles Act, 1876 with Queen Victoria assuming the title of 'Kaiser-i-Hind'
- (c) The East India Stock Dividend Redemption Act, 1873 which provided for

the Redemption of the Dividend on the Capital Stock of the East India Company

- (d) The India Act, 1784 with British Government taking control of political policy in India

61. Consider the following statements:

1. The Subtropical Westerly Jet stream sets in over the Indian subcontinent when the Sun is vertically over the Tropic of Cancer.
2. The Easterly Jet stream sets in India only after the Subtropical Westerly Jet stream has withdrawn itself from the region.

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. The amount of direct sunlight that reaches the outer atmosphere of our planet does **not** depend on which one of the following?

- (a) Tilt of Earth's axis toward the plane in which the planet orbits
- (b) Topography of the Earth
- (c) Atmospheric composition of the Earth
- (d) Shape of Earth's orbit around the sun

63. With reference to 'Ocean Gyres', consider the following statements:

1. They are large systems of rotating ocean currents found in the major ocean basins.
2. They are formed as a result of magma heat stored beneath the ocean surface.
3. They help to regulate the climate by redistributing heat and balancing temperatures.

Which of the statements given above is/are correct?

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

64. Which among the following tributaries joins the Brahmaputra River the last?

- (a) Subansiri
- (b) Teesta
- (c) Siang
- (d) Manas

65. With reference to 'Soil types in India', consider the following statements:

1. Alluvial soil found in delta regions is rich in organic content.
2. Laterite soil becomes sticky when wet and develops wide cracks during the dry season.
3. Red soil is formed due to weathering of metamorphic rocks.
4. Arid soil is saline in nature due to its high salt content and poor nitrogen.

Which of the statements given above is/are correct?

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

66. Which of the following are required to determine the precise location of a place on the Earth's surface?

1. Wind direction
2. Elevation above mean sea level
3. Longitude
4. Distance from the Equator
5. Latitude

Select the correct answer using the code given below:

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

67. Consider the following pairs:

Sl. No.	Type of Fog		Forms when
1.	Radiation fog	:	Ground cools down on a clear and calm night
2.	Advection fog	:	Cold air moves over a warmer surface
3.	Valley fog	:	Cool and dense air settles down in a valley

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

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

68. Which of the following are generally considered as Zaid Crops?

1. Mustard
2. Pumpkin
3. Watermelon
4. Cucumber
5. Barley

Select the correct answer using the code given below:

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

69. Which one of the following is the basic purpose of 'Dvorak technique'?

- (a) Reduce the emission of Green House Gases
- (b) Generate artificial 'stem cells' in a laboratory
- (c) Calculate the population of tigers through their stripe patterns
- (d) Estimate the intensity of cyclones by recognizing the cloud patterns

70. Activities that push mass towards the center of the Earth will directly result in:
 (a) increase in rotation speed of the Earth
 (b) increase in revolution speed of the Earth
 (c) decrease in rotation speed of the Earth
 (d) decrease in revolution speed of the Earth

71. Among the agricultural commodities exported by India, which one of the following accounts for the highest exports in terms of value in the last five years?

- (a) Basmati Rice
- (b) Wheat
- (c) Pulses
- (d) Groundnut

72. Consider the following states:

- 1. Kerala
- 2. Tripura
- 3. Assam
- 4. Tamil Nadu
- 5. Rajasthan
- 6. Punjab

How many of the above are generally known as rubber-producing States?

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

73. "Pangolins are known as the guardians of the forest". Which one of the following functions of Pangolins best reflects the above statement?

- (a) They provide protection to insects through symbiotic relationship.
- (b) They protect forests from termite destruction and maintain a balanced ecosystem.
- (c) They feed on dead organic substances and keep the environment clean.
- (d) They help plants reproduce by carrying pollen from plant-to-plant and by spreading seeds.

74. Which one of the following is the final authority to notify a Tiger Reserve under the Wildlife (Protection) Act, 1972?

- (a) Animal Welfare Board of India
- (b) State Government
- (c) President of India
- (d) National Tiger Conservation Authority

75. Which of the following are examples of a Negative Climate Feedback Loop?

- 1. Melting of sea ice due to the warming of the ocean
- 2. Ability of the ozone layer to absorb Ultraviolet Radiation
- 3. Horizontal intermixing of waters in oceans
- 4. Ability of plants to absorb Carbon Dioxide
- 5. Ability of the ocean to absorb Carbon Dioxide

Select the correct answer using the code given below:

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

76. With reference to India's biodiversity, Blue Duke, Swallowtail and Common Brimstone are:

- (a) Snakes
- (b) Butterflies
- (c) Bats
- (d) Fish

77. Consider the following statements:

An increase in Government borrowings in the economy most likely leads to:

- 1. reduction in savings available to the private sector
- 2. higher taxation burden on future generations
- 3. higher fiscal deficit in the future

Which of the statements given above is/are correct?

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

78. With reference to the Indian economy, consider the following statements:

1. While an increase in Nominal GDP may indicate a price rise, an increase in Real GDP indicates an increase in output.
2. The Real GDP is always higher in value than the Nominal GDP.

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

79. Which of the following is/are most likely implications if India's international trade is settled in Rupees?

1. It can promote Indian exports with forex deficit countries.
2. It can increase India's trade with countries under economic sanctions.
3. It can lead to decline in forex reserves of India.

Select the correct answer using the code given below:

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

80. Which of the following forms the part of Non-debt creating receipts in the budget of the Government of India?

1. Disinvestment proceeds
2. Dividends from Public Sector Undertakings
3. Loans received from World Bank
4. Recovery of loan from a State Government
5. Finances from Public Provident Fund

Select the correct answer using the code given below:

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

81. With reference to Indian economy, consider the following statements:

1. If interest rates rise, the value of a bond will decline.
2. If interest rates fall, the bond yield will increase.
3. Bond price and bond yield are inversely proportional to each other.

Which of the statements given above are correct?

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

82. Which of the following criteria are used by the United Nations to classify a country as a Least Developed Country (LDC)?

1. Per capita Gross National Income (GNI)
2. Maternal mortality ratio
3. Adult literacy rate
4. Political stability

Select the correct answer using the code given below:

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

83. In which of the following ways a lower Current Account Deficit (CAD) affects the market and economy?

1. Depreciation of domestic currency
2. Boosting domestic production
3. Attracting foreign investments
4. Reducing dependence on external financing

Select the correct answer using the code given below:

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

84. The 'Anti-Compromise Conference' convened in 1940 was aimed at:

- (a) safeguarding the political rights of Muslims in India
- (b) spread of the Quit India Movement to remote villages in the country
- (c) rejection of the Cripps mission by the Indian National Congress and Muslim League
- (d) non-cooperation with the British during the Second World War

85. With reference to Indian history, consider the following:

- 1. Chetikiya
- 2. Pubbaseliya
- 3. Avaraseliya

Which of the above are Buddhist sects?

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

86. With reference to the British administration in India, the 'Putcut settlement' was associated with:

- (a) Ryotwari settlement
- (b) Subsidiary alliance
- (c) Doctrine of lapse
- (d) Military allowances

87. Which of the following foreign travellers gave an account of the Vijayanagara kingdom?

- 1. Al Biruni
- 2. Abdur Razzak
- 3. Niccolo de Conti
- 4. Duarte Barbosa
- 5. Fernao Nuniz

Select the correct answer using the code given below:

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

88. Which one of the following proposals of the British government recognised for the first time the right of Indians to frame their own Constitution?

- (a) Cripps Mission
- (b) Wavell Plan
- (c) Cabinet Mission Plan
- (d) August Offer

89. Which of the following leaders were associated with the Vaikom Satyagraha of 1924?

- 1. Mahatma Gandhi
- 2. C. Rajagopalchari
- 3. Dr B.R. Ambedkar
- 4. Periyar E.V. Ramaswamy

Select the correct answer using the code given below:

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

90. S. Subramaniya Aiyar renounced his knighthood in reaction to British policies against which of the following movements?

- (a) Swadeshi movement
- (b) Home Rule Movement
- (c) Non-Cooperation Movement
- (d) Civil Disobedience Movement

91. Consider the following statements:

- 1. Govind Guru founded the Samp Sabha for the social upliftment of the Bhil community.
- 2. Sri Nadaprabhu Kempegowda is known as the founder of Bengaluru.
- 3. Maharaja Suheldev led a guerrilla warfare against Mahmud Ghazni.
- 4. Komram Bheem is known to spread the message of "Jal, Jangal, Zameen".

Which of the statements given above are correct?

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

92. Building 'Jagamohan' was a notable feature of temple construction in:

- (a) Kalinga style
- (b) Khajuraho style
- (c) Solanki style
- (d) Maru-Gurjara style

93. Which of the following are invasive species?

- 1. Lantana Camara
- 2. Golden Bamboo
- 3. Water Hyacinth
- 4. Prosopis juliflora

Select the correct answer using the code given below:

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

94. If a ship from the west coast of India is travelling to Europe via the Suez Canal, then it has to necessarily pass through which one of the following?

- (a) Strait of Hormuz
- (b) Persian Gulf
- (c) Strait of Bab-el-Mandeb
- (d) Strait of Gibraltar

95. What are 'Green Goods'?

- (a) Goods produced through eco-friendly Corporate Social Responsibility (CSR) initiatives
- (b) Goods designed to use fewer resources or emit less pollution than their traditional counterparts
- (c) Goods that do not involve any type of animal derived ingredient
- (d) Goods that are produced using renewable energy resources

96. Consider the following:

- 1. Aadhaar e-KYC
- 2. Digital Locker
- 3. Unified Payment Interface (UPI)
- 4. FASTag
- 5. Goods and Services Tax Network (GSTN)

Which of the above are core parts of the IndiaStack?

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

97. With reference to the United Nations (UN), consider the following statements:

- 1. The UN is the sole authority in the world to recognize either a State or a Government.
- 2. A two-thirds majority vote is necessary in the UN General Assembly for admission of a new State in the UN.
- 3. Once admitted, a State cannot be deprived of its UN membership under any condition.
- 4. The most recent State to join the UN was South Sudan in 2011.

Which of the statements given above are correct?

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

98. Which of the following are Cruise Missiles?

- 1. Prithvi-II
- 2. BrahMos-II
- 3. Nirbhay
- 4. K-15 Sagarika

Select the correct answer using the code given below:

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

99. Consider the following statements:

RNA interference (RNAi) technology can be used in:

1. Gene Therapy
2. Pest and disease control in crops
3. Pharmaceutical drug development

Which of the statements given above is/are correct?

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

100. Which of the following star constellations in the sky can be seen throughout the year in the northern hemisphere?

1. Cassiopeia
2. Ursa Major
3. Sagittarius
4. Orion

Select the correct answer using the code given below:

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