



## INSTRUCTIONS

1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS BOOKLET DOES **NOT** HAVE ANY UNPRINTED OR TURN OR MISSING PAGES OR ITEMS, ETC. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET.
2. ENCODE CLEARLY THE TEST BOOKLET SERIES **A, B, C** OR **D** AS THE CASE MAY BE IN THE APPROPRIATE PLACE IN THE ANSWER SHEET.
3. 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.
4. This Test Booklet contains **100** items (Questions). Each item is printed in **English**. 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 with you consider the best. In any case, choose **ONLY ONE** response for each item.
5. You have to mark all your responses **ONLY** on the separate Answer Sheet provided. See direction in the answers sheet.
6. All items carry equal marks. Attempt all items. Your total marks will depend only on the number of **correct responses** marked by you in the answer sheet. For **every incorrect** response **1/3<sup>rd</sup> of the allotted marks** will be deducted.
7. 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 sheets as per instruction sent to you with your Admission Certificate.
8. After you have completed filling in all responses on the answer sheet and the examination has concluded, you should hand over to Invigilator only the answer sheet. You are permitted to take away with you the Test Booklet.
9. Sheet for rough work are appended in the Test Booklet at the end.

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

1. Consider the following statements about Vote on Account:
1. It seeks to obtain funds out of the contingency fund of India to incur expenditure pending the passage of Appropriation Bill.
  2. It is a parliamentary convention and is not mentioned in the Indian Constitution.
- 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
2. Which of the following is/are the objectives of National Policy on Electronics 2019?
1. It aims to promote domestic manufacturing and export of Electronics System Development and Maintenance (ESDM) for economic development to achieve a turnover of USD 100 million by 2025.
  2. It seeks to create a framework for a comprehensive start-up eco-system in emerging technology areas such as 5G, Artificial Intelligence, etc.
  3. It seeks to promote research and innovation in sustainable e-waste management.
  4. It seeks to facilitate loans to the industry at competitive rates for setting up or expansion of electronics manufacturing units.
- Which of the statements given above are correct?
- (a) 1 and 2 only
  - (b) 2, 3 and 4 only
  - (c) 1, 3 and 4 only
  - (d) 1, 2, 3 and 4

3. The term 'Black Swan Event', often seen in the news, is related to
- (a) the widespread mass migration of rare black swan birds from the marine Arctic region to the mainland Siberian region.
  - (b) an extremely rare unpredictable event having potentially severe consequences.
  - (c) series of viral infections originating from birds affecting humans and other animals.
  - (d) the unpredictable appearances of the potentially hazardous asteroids in Earth's orbit.
4. Consider the following statements:
1. The failure of the Moderates to win any notable success by the Indian Councils Act (1892).
  2. Ideas of social reformers and the revival of Indian Culture.
  3. Severe famine in 1896-97 and the plague in Bombay Presidency.
- Which of the above reasons is/are correct regarding the emergence of extremism in the first decade of the 20th century?
- (a) 1 and 2 only
  - (b) 3 only
  - (c) 2 and 3 only
  - (d) 1, 2 and 3
5. Mauryan state had to maintain a vast bureaucracy and no other period of ancient history had so many officers as in Maurya times. In this context which of the following pairs are correctly matched?
- | <i>Officers</i> | <i>Duty</i>   |
|-----------------|---|
| 1. Rajukas      | : Administration of Justice in the empire                     |
| 2. Sannidhata   | : Highest officer in charge of the assessment of tax          |
| 3. Samaharta    | : Chief custodian of the state treasury and store-house       |
| 4. Amatyas      | : Civil servants who look after the day-to-day administration |
- Select the correct answer using the code given below.
- (a) 1 and 4 only
  - (b) 2 and 3 only
  - (c) 4 only
  - (d) 1, 2, 3 and 4

6. Which of the following is/are correct with reference to the Preference Shares?

1. These shares pay dividend at a fixed rate regardless of the earnings of the company.
2. They give preference to certain equity shareholders in terms of payment of dividends.

Select the correct answer using the code given below.

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

7. "3D printing" has applications in which of the following?

1. Film and TV industries
2. Cancer treatment projects
3. Increasing nutritional content in meals
4. Building and construction sector

Select the correct answer using the code given below.

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

8. Maharashtra Dharma, a bhakti movement that developed during 16th-17th century in Maharashtra was associated with the worship of

- (a) Shiva
- (b) Vithoba
- (c) Krishna
- (d) Rama

9. Recently India's first Catchment Area Treatment Plan has been developed by Forest Research Institute for river Ganga. A catchment area treatment plan aims to:

1. Increase afforestation in the catchment area.
2. Reduce premature siltation of reservoirs
3. Increase efficiency of hydroelectric power plants

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

10. Which of the following is/are correct with reference to TRIPS Plus?

1. It refers to the Intellectual Property Rights (IPR) protection norms laid down by the World Trade Organisation (WTO) exclusively for trade between the least developed countries.
2. It was a part of the Doha Development Agenda of the WTO.

Select the correct answer using the code given below.

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

11. Consider the following pairs regarding the various techniques of phytoremediation, which utilize living plants for pollution clean up:

<b>Technique</b>	<b>Description</b>
1. Rhizo-filtration	: Filtration of contaminated water through roots
2. Phyto-extraction	: Uptake of heavy metals from the soil
3. Phytotrans-formation	: Degradation of contaminants through plant metabolism
4. Phyto-stabilization	: Reduce the mobility and migration potential of soil contaminants

Which of the pairs given above are correctly matched?

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

12. Consider the following pairs of extremist/militant organizations and their regions of influence:

<b>Organization</b>	<b>Base Region</b>
1. Hezbollah	: Lebanon
2. Al Shabaab	: Iraq
3. Boko Haram	: Nigeria
4. Hamas	: Palestine

Which of the pairs given above are correctly matched?

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

13. Mongolia's "Third Neighbour Policy" was in news recently. It aims at:

- (a) building ties with countries other than USA and China.
- (b) building ties with countries other than Russia and China.
- (c) bringing peace between South and North Korea by offering mediation.
- (d) building social and cultural ties with communist countries.

14. Consider the following statements about the famous Gupta king:

- 1. He was the son of the Gupta emperor Kumaragupta I.
- 2. He restored and repaired Sudarshana lake.
- 3. In his Bhitari inscription, he claimed victory over the Hunas.

Which of the following ruler is being described by the above statements?

- (a) Chandragupta I
- (b) Skandagupta
- (c) Chandragupta II
- (d) Samudragupta

15. Which of the following is/are prominent themes in the mesolithic Bhimbetka cave paintings?

- 1. Hunting
- 2. Dancing
- 3. Process of cultivation

Select the correct answer using the code given below.

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

16. Tri-party Repo (TREPS) is a repo contract where a third entity acts as an intermediary between a borrower and a lender. Which of the following entities can participate in the Tri-party Repo market in India?

1. Public Sector Banks.
2. Co-operative Banks
3. Mutual Funds

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

17. Arrange the following events in correct chronological order:

1. Delhi Pact
2. Delhi Manifesto
3. Delhi Proposals

Select the correct answer using the code given below.

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

18. Which of the following pairs are correctly matched?

<i>Hydroelectric Project</i>	<i>Partnering Country</i>
------------------------------	---------------------------

- |                |          |
|----------------|----------|
| 1. Pancheshwar | : Nepal  |
| 2. Chhukha     | : Bhutan |
| 3. Mangdechhu  | : China  |

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

19. The U.S.-India 2+2 Ministerial Dialogue is the highest-level institutional mechanism between India and the United States. The ministries included in the dialogue are

- (a) Commerce and Foreign Ministries
- (b) Defence and Foreign Ministries
- (c) Finance and Defence Ministries
- (d) Finance and Foreign Ministries

20. Consider the following statements regarding the Harijan Campaign:

1. Its origin can be traced back to All India Anti Untouchability League 1932 of Mahatma Gandhi.
2. It garnered support throughout the country.

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. To resolve question of conflict between Union and State lists, Supreme Court has laid down certain principles through various judgments. Which of the following principles is/are correct in this regard?

1. Doctrine of Pith and Substance
2. Doctrine of Colorable Legislation

Select the correct answer using the code given below.

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

22. Consider the following:
1. It is a large plateau that covers almost the entire western region of Madhya Pradesh.
  2. It covers the districts of Ratlam, Ujjain and Rajgarh, north of the Narmada basin.
  3. Chambal, Mahi, Kshipra, Betwa, and Parvati are the main rivers of this region.
- Which of the following plateaus is being described in the above statements?

(a) Malwa Plateau  
(b) Bundelkhand Plateau  
(c) Plateau of Central India  
(d) Baghelkhand Plateau

23. Bioluminescence is the production and emission of light by a living organism. Which of the following organisms exhibit this phenomenon?

1. Jellyfish  
2. Anglerfish  
3. Forest Owlet  
4. Fireflies

Select the correct answer using the code given below.

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

24. Which of the following was/were the factor(s) responsible for the failure of the Young Bengal movement?

1. It failed to come to grips with the Indian reality.  
2. Social conditions were not ripe for their ideas to flourish.  
3. The ideas were conservative and could not attract the youth.

Select the correct answer using the code given below.

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

25. Consider the following statements:

1. Trans fats are saturated fats found in hydrogenated oils.  
2. Both Omega-3 and Omega-6 fatty acids are good for health.  
3. World Health Organisation (WHO) plans to eliminate industrially-produced trans-fat from the global food supply by 2023.

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

26. Compared to rest of the country, various parts of North East India receives significant rainfall in the pre-monsoon season because:

(a) the Bay of Bengal branch of south west monsoons is stronger and carries more moisture than the Arabian Sea branch.  
(b) the onset of monsoons takes place sooner in north-east India than the rest of the country.  
(c) of the effect of Nor'westers in some parts and the proximity to Bay of Bengal of the region in general.  
(d) the topography of north east causes heavy orographic rainfall throughout the year.

27. 'Doctrine of Mutuality', sometimes seen in the news is associated with

(a) Fundamental Rights  
(b) Directive Principles of State Policy  
(c) Service Tax rules  
(d) Citizenship Rules

28. Consider the following statements with respect to the quorum in legislative bodies:

1. The provisions related to the quorum of Parliament are amended by a special majority of the Parliament.
2. For the purpose of Quorum in Rajya Sabha, the chairman is not counted.
3. The legislative assembly of a state can by law decide the quorum required to constitute its meeting.

Which of the statements given above is/are correct?

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

29. What is common to places - Pavagada, Kumuthi, Badhla, and Kurnool?

- (a) Nuclear power plants
- (b) Hydro electricity projects
- (c) Ancient water extraction systems
- (d) Solar parks

30. Consider the following pairs:

<i>Old Name</i>	<i>Modern Name</i>
1. Quilon	Kollam
2. Waltair	Vishakhapatnam
3. Pragjyotishpur	Prayagraj

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

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

31. It is tree species that grows only on the low hills of the Aravallis and in a few spots along the Vindhyas. It creates clonal colonies where every tree a replica of its neighbor. Known as wood with a purple-heart, it holds together a fragile ecosystem of *mangar bani* forest of Aravalis, while sustaining livestock and producing one of the toughest timbers known.

Which of the following tree species is being described in the above passage?

- (a) Dhok Tree
- (b) Palash Tree
- (c) Banyan Tree
- (d) Amaltas tree

32. Consider the following in respect of the International Indian Ocean Expedition (IIOE):

1. It was recently inaugurated under the chairmanship of the International Seabed Authority.
2. It is a voluntary initiative that seeks to increase maritime co-operation among navies of the littoral states of the Indian Ocean 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

33. The Returning Officer of a parliamentary or assembly constituency is responsible for the conduct of elections in the Parliamentary or assembly constituency concerned. Who can be the Returning officer for the election of the President and Vice President in India?

1. Speaker of Lok Sabha
2. Election commissioner
3. Secretary-General of Lok Sabha/Rajya Sabha

Select the correct answer using the code given below.

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



34. Consider the following statements with respect to Traditional Knowledge Digital Library?

1. It is a digital knowledge repository of the traditional knowledge designed to prevent exploitation through unethical patents.
2. It is a collaborative project between the Ministry of Commerce & Industry and NITI Aayog.
3. To prevent biopiracy, its access is restricted to Indian entities only.

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

35. *This type of climate has cold, dry winters and warm wet summers. Winter temperatures are below freezing point and snow is heavy. Summers are warm with cooling effect from off-shore cold currents from the Arctic. Although rainfall occurs throughout the year it tends to maximize during the summer season. During winters the dry westerlies blow out from the continental interiors. In the Southern Hemisphere, this climatic region is largely absent.*

Which of the following climatic regions of the world is described in the above passage?

- (a) British Type Climate
- (b) Laurentian Climate
- (c) Tropical Savanna Climate
- (d) China Type Climate

36. Consider the following statements:

1. A Giffen good is a good for which demand increases as the price increases, because of its exclusive nature and appeal as a status symbol.
2. A Veblen good is a good for which demand increases even as the price increases due to the lack of (or no) substitute good.
3. Both Giffen goods and Veblen goods defy the Law of Demand.

Which of the statements given above is/are correct?

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

37. Consider the following pairs:

Sensor	Function
1. Altimeter	: Measures the altitude of the land surface
2. Magnetometer	: Measures the strength of magnetic fields
3. Accelerometer	: Measures the rate at which the velocity of an object is changing
4. Gyro sensor	: Measures the distance between objects

Which of the pairs given above are correct?

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

38. In the context of the *Muslim Mass Contact Programme*, launched in the late 1930s, which of the following statements is correct?

- (a) It was launched by Congress to reach out to Muslim masses.
- (b) It was launched by the Muslim social reformers to reform certain backward practices among masses.
- (c) It was launched by Muslim League to mobilize Muslims.
- (d) It was an initiative of the British Indian government to better implement separate electorates.



39. The Economic and Technical Cooperation Agreements (ETCA) is an on-going trade negotiation between India and
- (a) Maldives
  - (b) Sri Lanka
  - (c) The United States of America
  - (d) Japan
40. President can remove the UPSC members without consultation with Supreme court only on the grounds of
1. Infirmary of mind or body
  2. Adjudged as insolvent
  3. Misbehavior
  4. Paid employment outside the duties of the office
- Select the correct answer using the code given below.
- (a) 1 and 3 only
  - (b) 3 and 4 only
  - (c) 1, 2 and 4 only
  - (d) 1, 2, 3 and 4
41. Which of the following animals are represented as motifs on the Harappan seals?
1. Crocodile
  2. Buffalo
  3. Cow
  4. Tiger
- Select the correct answer using the code given below.
- (a) 1, 2 and 4 only
  - (b) 2 and 3 only
  - (c) 3 and 4 only
  - (d) 1, 2, 3 and 4
42. If all the people of the economy increase the proportion of their income they save, the total value of savings in the economy will not rise-it will either decrease or remain unchanged. Which of the following best refers to the phenomenon explained above?
- (a) Ricardian theory
  - (b) Parametric shift
  - (c) Paradox of thrift
  - (d) Adams Theory
43. The term Xicc++ was sometimes seen in news. It is a/an:
- (a) indigenous weather prediction model.
  - (b) new programming language exclusively for quantum computers.
  - (c) new earth-like exoplanet found by NASA in the milky way Galaxy.
  - (d) a kind of quark or subatomic particle observed for the first time by CERN.
44. Principle of Free, Prior and Informed Consent (FPIC) is related to:
- (a) permission of a patient for treatment with knowledge of the possible risks and benefits.
  - (b) right of indigenous people regarding the developmental activities in their territory.
  - (c) rights of citizens regarding the political question which has been referred to them for a direct decision.
  - (d) rights of an arrested person regarding the ground of arrest and to consult a legal practitioner of his choice.
45. This curve is used for predicting the likely production rate of any finite resource over time. When plotted on a chart, the result resembles a symmetrical bell-shaped curve. Which of the following curves is referred to in the above description?
- (a) Laffer Curve
  - (b) Hubbert Curve
  - (c) Beveridge curve
  - (d) Lorenz Curve

**46.** Which of the following are the possible implications of heavy sand and gravel mining in rivers?

1. Channel shifting leading to loss of properties and degradation of the landscape.
2. Lowering of groundwater levels.
3. A large degree of meandering in rivers.

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

**47.** The World Happiness Report is published by

- (a) World Bank
- (b) United Nations Sustainable Development Solutions Network
- (c) World Economic Forum
- (d) The Happiness Foundation

**48.** A citizen's right to strike is a

- (a) Fundamental right
- (b) Constitutional right
- (c) Natural right
- (d) Legal right

**49.** Which of the following subjects are mentioned in the Eleventh Schedule of the Indian Constitution?

1. Non-conventional energy sources
2. Technical training and vocational education
3. Implementation of land reforms
4. Slum development and up-gradation

Select the correct answer using the code given below.

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

**50.** Consider the following statements in the context of the SWIFT payment mechanism:

1. It is a globally connected encrypted channel for the payment of funds across nations safely.
2. It was introduced by a financial sector cooperative society based in Belgium.

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

**51.** Consider the following statements with reference Azad Hind Fauj also known as the Indian national army (INA):

1. It was demonstratively non-communal with Muslims prominent among its officers and ranks.
2. The ultimate goal of it was campaigned through 'Delhi Chalo'.
3. While the Congress opposed the trials of INA officers, Muslim league supported the trials by the British Government.

Which of the statements given above is/are correct?

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

**52.** Consider the following statements:

1. Gene silencing refers to the alteration of a DNA sequence to repress active genes.
2. Gene silencing can be done only by RNA interference.

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

53. The famous building of 'The Krishna Mandapa which is known for a magnificent panel called Govardhanadhari, portraying Lord Krishna holding up the mythical Govardhan hill to protect the people of his village from torrential rains' is credited to which dynasty?

- (a) Pallava
- (b) Rashtrakuta
- (c) Pala
- (d) Chalukya

54. With reference to Black Carbon, consider the following statements:

1. Black carbon is short-lived and remains in the atmosphere only for a few days
2. It is the second-largest contributor to global warming after carbon dioxide.
3. It leads to the rapid melting of snow caps by increasing their albedo.

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

55. With reference to Lithium reserves, consider the following statements:

1. China is the leading lithium producing country in the world.
2. At present India has no official production of Lithium and is entirely dependent on imports.

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. Consider the following statements with respect to Public Interest Litigation (PIL):

1. PIL cannot be filed against private individuals alone.
2. Only those persons whose rights are infringed are eligible to file PIL.
3. PIL can be filed in both the High Court and Supreme Court.

Which of the statements given above is/are correct?

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

57. Consider the following statements regarding Business Advisory Committee:

1. There is a Business Advisory committee for each house of the Parliament.
2. It recommends amendments and additions in the Rules of Procedure and Conduct of Business in the Lok Sabha or Rajya Sabha as the case may be.

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. Consider the following statements about the ideals of Dayanand Saraswati:

1. He supported polytheism and ritualistic religion dominated by Brahmin priests as it was prevalent in Vedic society.
2. He opposed the belief in the principles of *niyati* i.e. destiny.
3. He was against caste rigidities but supported *chaturvarna* system.

Which of the statements given above is/are correct?

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

59. Consider the following statements:
1. There is a Central OBC list in India with entries from various States.
  2. To date, no State Government in India has sub-categorized OBCs in their state list.
  3. Mandal Commission set up to investigate the conditions of backward classes has been appointed by the President under Article 340.

Which of the statements given above is/are correct?

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

60. Among the following commodities, India is the largest exporter of which of the following?

1. Tea
2. Sugar
3. Jute
4. Rice

Select the correct answer using the code given below.

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

61. Consider the following pairs:

**Cave**                      **State**

1. Tabo                      : Jammu and Kashmir
2. Edakkal                 : Kerala
3. Varaha                  : Tamil Nadu

Which of the pairs given above are correctly matched?

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

62. Which of the following is/are the limiting factor (s) for primary productivity in an aquatic ecosystem?

1. Sunlight
2. Nitrogen
3. Phosphorus

Select the correct answer using the code given below.

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

63. It is a type of Alternative Dispute Resolution mechanism where the settlement is made out of court. The dispute is settled by a neutral third party. The process is voluntary as it is on the mutual discretion of the parties to choose it as a method of resolving their dispute. Also, the proposal is not binding upon the parties. They are free to follow or not follow the proposal given by the neutral third party.

Which of the following Alternative Dispute Resolution mechanism is being described in the above passage?

- (a) Arbitration
- (b) Conciliation
- (c) Mediation
- (d) Adjudication

64. Consider the following lines written by Gandhiji to C. Rajagopalachari.

‘I am quite clear in my mind that what has happened is best for the cause. It is a bitter pill I know. But it was needed. It will drive away all the parasites from the body. We have been obliged to do the wrong things which we shall be able to avoid.’

What event did Gandhiji refer to in above lines?

- (a) Suspension of the Non-Cooperation Movement
- (b) Breaking the Salt law
- (c) Poona pact
- (d) Resignation of the Congress Ministries

65. Consider the following statements with reference to the 'Vaisheshika School of Philosophy':

1. Kanada Kashayapa is the founder of this philosophy.
2. It considers that air, water, fire, earth, souls and time are eternal.
3. It propounded the atomic theory.

Which of the statements given above is/are correct?

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

66. Consider the following pairs:

<b>Folk Music</b>	<b>Region</b>
1. Lotia	: Gujarat
2. Burrakatha	: Chhattisgarh
3. Tappa	: Punjab

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

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

67. Consider the following pairs:

<b>Department</b>	<b>Associated Ministry</b>
1. Department of Land Resources	: Ministry of Agriculture and Farmers Welfare
2. Department of Pension & Pensioner's Welfare	: Ministry of Social Justice and Empowerment
3. Department of Defence Research & Development	: Ministry of Science and Technology

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

- (a) 1 and 2 only
- (b) 1, 2 and 3
- (c) 3 only
- (d) None

68. Recently the Central Pollution Control Board has set up India's first e-waste clinic in which of the following cities?

- (a) Bhopal, Madhya Pradesh
- (b) Indore, Madhya Pradesh
- (c) Bangalore, Karnataka
- (d) New Delhi

69. With reference to the Dravida style of architecture consider the following statements:

1. Mandapa was built above the garbhagriha.
2. Lofty gates were called vimanas.
3. A pillared hall in front was called gopuram.

Which of the statements given above is/are correct?

- (a) 1 only
- (b) 2 and 3 only
- (c) 1 and 2 only
- (d) None

70. Which of the following investments is/are rupee-denominated?

1. Foreign institutional investor (FII) investment in Government Treasury bills and dated securities.
2. FII investment in corporate debt securities.
3. NRI deposits of all forms.

Select the correct answer using the code given below.

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

71. Consider the following statements regarding 'allelopathy':
1. It is a process by which a plant releases chemicals that can either inhibit or benefit other plants.
  2. All plants have allelopathic tendencies.
- 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
72. With reference to Haemophilia, consider the following statements:
1. It is a bleeding disorder in which the clotting factor is insufficient in the blood.
  2. It cannot be transmitted genetically.
- 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
73. In the aftermath of heavy floods, a state government in India wants to implement a major infrastructure project through a state-owned entity. In which of the following ways can the state government augment its financial resources?
1. With prior approval from the central government, the entity can borrow directly from the World Bank.
  2. With prior approval from the GST council, the state government can levy cess on GST.
  3. With prior approval from the RBI, the state government can issue Treasury Bills
- 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

74. In the context of Prompt Corrective Action in the banking system in India, consider the following statements:
1. It was introduced by the RBI to discipline banks on failing to meet priority sector lending targets.
  2. Regional Rural Banks are also covered under this framework set by the NABARD.
- 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
75. Which among the following events happened earliest?
- (a) Assam Accord was signed between Government of India and leaders of Assam movement.
  - (b) First-Non Congress Government was formed at the Central level.
  - (c) Education as a subject was transferred from state list to concurrent list.
  - (d) Right to Property was removed from the list of fundamental rights.
76. Which of the following technologies use Radio waves?
1. Bluetooth
  2. Wi-Fi
  3. GPS
  4. Radiography
- Select the correct answer using the code given below.
- (a) 1 and 4 only  
(b) 2 and 4 only  
(c) 1, 2 and 3 only  
(d) 1, 2, 3 and 4



77. With reference to India's Purchasing Managers Index, consider the following statements:

1. It is released annually by the Reserve Bank of India.
2. It is an indicator of business activity in the manufacturing and services sectors.

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

78. Consider the following statements with regard to the revolt of 1857:

1. The sepoys from all over India participated in the revolt.
2. The rebels had a coherent ideology and future vision of society.
3. A feeling of nationalism was the driving force of the sepoys in this revolt.

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

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

79. The "Reskilling Revolution" initiative was in news recently. It was launched by?

- (a) International Solar alliance
- (b) World Economic Forum
- (c) United Nations Development Programme
- (d) World bank

80. Consider the following statements in the context of Minimum Alternate Tax (MAT):

1. MAT was introduced to target those companies that make huge profits but pay no/minimal tax.
2. It was introduced under the provisions of the Income Tax Act, 1961.
3. It is applicable to all companies, including Public Sector Enterprises and foreign companies.

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

81. In the context of Currency Deposit Ratio, which of the following statements is/are correct?

1. It is a purely behavioral parameter that may depend on the seasonal pattern of expenditure.
2. An increase in the currency deposit ratio leads to a decrease in the money multiplier.
3. A rise in deposit rates generally results in a higher currency deposit ratio.

Select the correct answer using the code given below.

- (a) 2 only
- (b) 1 and 2 only
- (c) 2 and 3 only
- (d) None

82. The power to increase the number of judges in Supreme court and High court is vested with

- (a) Parliament and President respectively
- (b) Parliament in both the cases
- (c) President in both the cases
- (d) President and Governor respectively



**83.** Consider the following statements regarding U.N. Environment Finance Initiative (UNEP FI):

1. It is a partnership between the United Nations Environment and the global financial sector created in the wake of the 1992 Earth Summit.
2. It seeks to mobilize private sector finance for achieving the target of the Paris Agreement on Climate Change.

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

**84.** With reference to Transport and Marketing Assistance (TMA) for Specified Agriculture Products scheme, consider the following statements:

1. It aims to provide assistance for the domestic component of freight and marketing of agricultural produce.
2. Assistance under the TMA scheme is provided in cash through direct bank transfer.
3. It has been launched by the Ministry of Agriculture and Farmer's Welfare.

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

**85.** Consider the following statements regarding Natural Resource Accounting:

1. It is an accounting principle to account for the physical stock as well as the monetary value of natural resources.
2. Forest Survey of India is the nodal agency for Natural resource accounting 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

**86.** Consider the following statements with respect to the Central Social Welfare Board (CSWB)?

1. Its main objective is to provide technical and financial assistance to voluntary organizations working for scheduled castes and scheduled tribes.
2. It functions under the administrative control of Ministry of Social Justice and Empowerment.

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

**87.** Which among the following options were **not** available to the Indian states under the Subsidiary Alliance?

1. The right to self-defense
2. Maintaining diplomatic relations with other states
3. Employing British officers on their own
4. Settling of disputes with neighbors

Select the correct answer using the codes given below.

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

**88.** With reference to 'Global Compact for Safe, Orderly and Regular Migration', consider the following statements:

1. It seeks to promote international cooperation for the effective management of refugee migration.
2. It recognizes the sovereign right of each state in determining its migration policy.
3. India is the signatory to the agreement.

Which of the statements given above is/are correct?

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

**89.** What is 'e-utthan' sometimes seen in news?

- (a) It is a programme for women self-help groups to uplift the rural women.
- (b) It is a programme to provide funds to voluntary organisations to uplift the tribals.
- (c) It is a development action plan to uplift the scheduled castes.
- (d) It is an initiative to integrate the LGBT community with the mainstream society.

**90.** Which of the following correctly describes the 'continental axis hypothesis' in Geography?

- (a) It highlights the better developmental indicators in the Eastern regions of all continents compared to Western regions.
- (b) It describes the developmental distinctions between Soviet influence Europe and that under the Western influence during the cold war era.
- (c) It describes the better developmental indicators in regions spread across a large latitudinal area than those extending longitudinally.
- (d) It describes the developmental distinctions between Western and Eastern hemisphere.

**91.** Consider the following statements with reference to the Export Promotion Capital Goods (EPCG) Scheme:

1. It allows the import of capital goods at zero customs duty.
2. The benefits under the scheme are subject to obligations on the exporters in terms of the size of their export.

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

**92.** Consider the following statements regarding the Species Survival Commission:

1. It is an initiative of IUCN comprising of conservation experts across the globe.
2. It is the nodal authority overseeing the national governments' programs for the conservation of endangered species.

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.** Consider the following statements:

1. India is the third-largest energy consumer in the world after the USA and China.
2. India's oil production has steadily increased over the last five years.

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

94. In the context of economy, the inverted duty structure refers to a situation where
- where import duty on finished goods is low compared to the import duty on raw materials.
  - the rate of tax on essential goods is higher than the rate of tax on luxury goods.
  - a country imposes higher taxes on goods imported from developing countries than similar goods imported from developed countries.
  - a small section of population bears the tax burden of the large section of population.

95. Which of the following adaptations are observed in hydrophyte plants?

- Poor root system
- Waxy leaves with thick cuticle
- Formation of air channels in stem

Select the correct answer using the code given below.

- 1 and 3 only
- 2 and 3 only
- 2 only
- 1, 2 and 3

96. Consider the following passage:

“He destroyed the Chera navy at Trivandrum and then moved on to conquer Madurai. His invasion of Sri Lanka was done with a motivation to bring the trade with the South-East Asian countries under his control. One of his naval exploits included the conquest of Maldives Islands.”

Which of the following Chola kings is being referred to in the above passage?

- Rajendra I
- Rajaraja I
- Aditya I
- Rajendra II

97. Which of the following pairs is/are correctly matched?

**Canal**

**State**

- Sirhind : Madhya Pradesh
- Kalingarayan : Tamil Nadu
- Malampuzha : Kerala

Select the correct answer using the code given below.

- 1 and 2 only
- 3 only
- 2 and 3 only
- 1, 2 and 3

98. Consider the following statements:

- For contesting a Lok Sabha seat in a State, the person shall be a registered elector from any constituency of that State only.
- For contesting a State Legislative Assembly seat in a State, the person shall be a registered elector from any constituency of that State only.
- For contesting a Rajya Sabha seat in a State, the person shall be a ordinarily resident that State only.

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

- 2 only
- 2 and 3 only
- 1 and 3 only
- 1 and 2 only

99. Located on the bank of the Mithi River, this site is home to various tribal communities including Katkaris, Mahadev Kolis, Mallar Kolis and Warlis. Lying in the vicinity of Sanjay Gandhi National Park and commonly known as the last green lungs of Mumbai, it was recently in news due to protest over the felling of trees for developmental projects. Which of the following is being described in the above passage?

- Lavasa Hill City
- Sharavathy Valley
- Mangar Bani Forest
- Aarey Forest

**100.** Consider the following statements with reference to the Science and Engineering Research Board (SERB):

1. It a statutory body established to supports basic research in emerging areas of Science & Engineering.
2. One of its major objectives is to achieve synergy between academic institutions, research and development laboratories, and industry.

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

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