

1. Yellow Band Disease was recently seen in the news, in the context of
  - (a) dugongs
  - (b) cattle
  - (c) coral reefs
  - (d) cotton plants
  
2. Which of the following are the benefits of T+1 settlement cycle?
  1. Increase liquidity in the market
  2. Reduces the risk of non-delivery of shares
  3. Drastically enhances the ease of foreign investments in Indian capital markets.
 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
  
3. India's current account deficit widens to a nine-year high. In this context, which of the following could be the reasons for India's high current account deficit?
  1. Sharp decline in private transfer
  2. Widening of the merchandise trade deficit
  3. Outflow of net external commercial borrowings
 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
  
4. With reference to Global Environment Facility, consider the following statements:
  1. It was established during Cancun conference of parties in 2010.
  2. It provides grants and low-interest loans to developing countries for projects that address these global environmental issues.
  3. It serves as financial mechanism for Convention on Biological Diversity and UNFCCC.
 Which of the statements given above is/are correct?
  - (a) 1 and 2 only
  - (b) 2 and 3 only
  - (c) 3 only
  - (d) 1, 2 and 3
  
5. The SIGHT program often seen in the news, is a/an
  1. mechanism to fund the domestic manufacturing of electrolyzers and produce green hydrogen.
  2. software application for maintenance of tiger reserve.
  3. initiative to establish mangrove plantations along the coastline.
  4. initiative to speed up the switch to electric vehicles.
  
6. Consider the following statements regarding Global Carbon Project:
  1. It is a shared partnership between International Nitrogen Initiative and Climate Watch.
  2. It monitors three dominant greenhouse gases - carbon dioxide, methane, and nitrous oxide by focusing on the biogeochemical cycles that govern them.
 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 with respect to the Pradhan Mantri Innovative Learning Programme-DHRUV:
  1. The program aims to cover all areas from Class 9 to Class 12, namely Science, Commerce and Arts.
  2. The program is to be launched by Indian Space Research Organisation (ISRO).
 Which of the statements given above is/are **not** correct?
  - (a) 1 only
  - (b) 2 only
  - (c) Both 1 and 2
  - (d) Neither 1 nor 2
  
8. The mission involves a private lunar lander and two robotic rovers taking a slow, low-energy path to the moon, flying 1 million miles from Earth before
  - (a) 1 and 2 only
  - (b) 2 and 3 only
  - (c) 3 only
  - (d) 1, 2 and 3

looping back and intersecting with the moon. Which of the following mission is being described in the above given passage?

1. Artemis 2
2. Hakuto-R
3. Chandrayaan-3
4. dearMoon

9. Consider the following statements regarding the Energy Conservation (Amendment) Act, 2022:

1. It empowers state governments to specify a carbon credit trading scheme.
2. Central government can prescribe designated consumers to meet a minimum share of energy consumption from non-fossil sources like green hydrogen.
3. It requires state governments to constitute energy conservation funds for the promotion of energy efficiency and conservation measures.

Which of the statements given above is/are correct?

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

10. Consider the following statements regarding Global Snow Leopard and Ecosystem Protection Program (GSLEP):

1. It was established by the 12 snow leopard range countries to help achieve the goals of the Bishkek Declaration.
2. Global Environment Facility supports the snow leopard range countries financially in achieving the objectives of GSLEP.
3. Snow Leopard Trust is an initiative of GSLEP.

Which of the statements given above is/are correct?

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

11. With reference to quantum physics, consider the following statements:

1. Quantum physics describes reality at the

subatomic scales.

2. Quantum entanglement is a primary feature of quantum physics.
3. It has applications in cryptography, advanced computing, and precise timekeeping.

Which of the statements given above is/are correct?

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

12. Recently, India's first indigenously developed vaccine to prevent cervical cancer has been developed by the Pune-based Serum Institute of India. With reference to cervical cancer, consider the following statements:

1. Cervical cancer is caused by the human papillomavirus (HPV).
2. India has set 90-70-90 targets to eradicate cervical cancer by 2030.

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

13. With reference to the metaverse, consider the following statements:

1. It is a computer-generated highly immersive virtual world.
2. It is a place where people can gather to socialise, play and work.
3. Non-fungible tokens (NFTs) can be used to hold digital assets in the metaverse.

Which of the statements given above are correct?

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

14. Consider the following statements regarding 'Blue Transformation' Roadmap:

1. It is released by the International Seabed Authority.
2. It recognizes the importance of aquatic food systems as drivers of employment,

economic growth, social development and environmental recovery.

3. One of its envisioned outcomes includes a significant increase in global per capita consumption.

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

15. '123 pledge' recently seen in the news aims to
- (a) reduce food loss and waste worldwide.
  - (b) protect corals from bleaching.
  - (c) ensure that everyone is functionally literate in the world by 2030.
  - (d) end discrimination of all forms.

16. Which one of the following statements best describes the idea behind a "Zero-day Attack" often talked about in media?
- (a) An attack that targets a computer-software vulnerability previously unknown
  - (b) An attack launched following the vendor's patch release to address the vulnerability
  - (c) A malware designed to deny a user or organization access to files on their computer. By encrypting these files and demanding a ransom payment
  - (d) An attack that uses social engineering techniques to trick the target into disclosing sensitive information

17. With reference to satellite navigation services, consider the following statements:
1. India's NavIC consists of 24 active satellites and has global coverage.
  2. GAGAN is a satellite based augmentation system (SBAS) for the Indian airspace.

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. With reference to semiconductors, consider the following statements:

1. Semiconductors are materials with highly

controllable electrical conductivity.

2. Silicon, germanium and gallium arsenide are the most widely used semiconductors.
- 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

19. In the context of climatology, which of the following best describes the Fujiwhara effect?
- (a) A situation of cold weather and precipitation after the volcanic eruption
  - (b) It is a situation of sudden copious rainfall in the mountainous regions.
  - (c) It is an interaction between tropical storms formed around the same time.
  - (d) A situation of unusually hot weather that typically lasts two or more days.

20. Consider the following pairs:

**Report**

**Published by**

1. State of Climate Action Report: Climate Action Tracker.
2. Breakthrough Agenda Report: United Nations Framework Convention on Climate Change.
3. Greenhouse Gas Bulletin: Climate Action Network.

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

21. Consider the following statements regarding Collective Investment Scheme (CIS):

1. CIS is a scheme where individuals come together and pool their money to invest in a particular asset.
2. Investors have day to day control over the management and operation of the scheme.
3. CIS are regulated by the Securities and Exchange Board of India (SEBI).

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

22. 'Unity of Voice, Unity of Purpose' was the theme of which of the following recently conducted summits?

- (a) G 7
- (b) G 4
- (c) Asia-Africa Growth Corridor
- (d) Voice of Global South

23. The terms 'Bayraktar TB2, Shahed-136 and TAPAS 201' sometimes mentioned in the news recently are related to

- (a) Nuclear submarines
- (b) Nano-satellites
- (c) Unmanned Aerial Vehicles (UAVs)
- (d) Hypersonic weapons

24. Consider the following pairs:

<b>Biofuel</b>	<b>Process involved in the production</b>
1. Biodiesel	: Transesterification
2. Biobutanol	: Fermentation of starch
3. Biohydrogen	: Pyrolysis

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

25. Consider the following statements:

1. Mangroves can only be found around the equator in tropical and subtropical latitudes.
2. MISHTI is a new program for mangrove plantations along India's coastline and on salt pan lands.
3. India joined the Mangrove Alliance for Climate at the 21st Conference of the Parties in Paris.

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

26. Consider the following statements regarding "The State of World's Forests (SOFO)" Report, 2022:

1. It is an initiative of the United Nations Forum on Forests (UNFF).
2. The report stated that 30% of new diseases reported since 1960, can be attributed to deforestation and land-use change.
3. The report presents data and analysis on the interaction between forests and people every two years.

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

27. Consider the following statements with regard to the 'SHRESHTA' Scheme for residential education for students in Highschool in Targeted Areas:

1. It aims at providing quality education and opportunity to students of SC and ST Category.
2. Under this scheme admission will be provided in CBSE affiliated government schools.
3. Ministry of Social Justice and Empowerment will cover the whole cost of program.

Which of the statements given above is/are correct?

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

28. Which one of the following statements best describe the idea behind "dark patterns" often talked about in media?

- (a) Dark patterns are user-friendly design techniques that help users make more informed decisions.
- (b) Dark patterns are unethical user interface

designs that trick or deceive users into taking certain actions.

- (c) Dark patterns are user interfaces that are designed to access the dark web.
- (d) Dark patterns are user interfaces that are designed to make websites more accessible for users with disabilities.

29. Consider the following statements regarding Mangrove Alliance for Climate:

- 1. It was led by the United Arab Emirates and Indonesia.
- 2. It aims to increase mangrove cover by 50% of the current area by 2030.

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. With reference to the dark web, consider the following statements:

- 1. It is the virtual equivalent of a blackmarket.
- 2. It is shielded by specialized software such as Tor.
- 3. Dark Web operators transact in virtual currencies such as cryptocurrencies.

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

31. The Economics of Land Degradation Initiative is a global science policy initiative. It was launched by which of the following organisations?

- 1. The European Commission
- 2. The United Nations Convention to Combat Desertification
- 3. The German Federal Ministry for Economic Cooperation and Development
- 4. The Intergovernmental Panel on Climate Change

Select the correct answer using code given below.

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

(d) 1, 2 and 3 only

32. Consider the following statements about government initiatives for environment protection in India:

- 1. MISHTI is an initiative to facilitate mangrove plantation along India's coastline.
- 2. PM PRANAM has been launched to encourage optimal use of wetlands.
- 3. Amrit Dharohar has been launched to promote balanced use of chemical fertilizers.

Which of the statements given above is/are correct?

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

33. In the context of geopolitics, 'B9', sometimes mentioned in the news, is

- (a) An alliance of nine European states that met occasionally to discuss matters of mutual pan-European interest.
- (b) A list of nine countries that will form the Working Group on Sustainable Development Goals.
- (c) A group of nine NATO countries in Eastern Europe that became part of the US-led military alliance after the end of the Cold War.
- (d) A list of nine actions to tackle the climate crisis and save depleting biodiversity.

34. With reference to National Pension System (NPS), consider the following statements:

- 1. It generates market-linked returns without any assurance of returns.
- 2. NPS is mandatory for all Central Government employees, including those in the Armed Forces.
- 3. NPS can be subscribed by any Indian citizen aged between 18-70 years.

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. What is the correct sequence of occurrence of the

following Ramsar sites in India as one proceeds from east to west?

1. Tampara Lake
2. Kanjirankulam Bird Sanctuary
3. Khijadia Wildlife Sanctuary
4. Rudrasagar lake

Select the correct answer using the code given below.

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

36. Consider the following statements regarding Global Shield Financing Facility:

1. It aims to help developing countries access finances for recovery from climate shocks.
2. The facility will support the Global Shield Against Climate Risks, an initiative launched at COP27 of UNFCCC to protect vulnerable people from disasters.

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

37. In the context of market economy, which of the following best describes short selling?

- (a) It is an investment strategy in which an investor bets on a stock or assets in the expectation that its price will fall in the future.
- (b) An investment method that protects one's portfolio from adverse price movements.
- (c) A transaction involving first buying and later selling of shares within 24 hours for profits.
- (d) Transferring of shares by the owner to a borrower temporarily for period less than 1 year.

38. The "NEAT 3.0" initiative, sometimes seen in the news, is a
- flagship programme for providing clean drinking water.
  - campaign aims to curb air pollution in Indian cities.
  - scheme to use technology for better learning outcomes in higher education.
  - mass awareness programme for the prevention of cybercrimes in the country.
39. Consider the following statements regarding World Nature Organisation (WNO):
- It is an initiative of the United Nations Environment Programme (UNEP).
  - It is focused on promoting activities, technologies, economies, and renewable energies which are environment friendly.
  - India is not a member of it.
- Which of the statements given above are correct?
- 1 and 2 only
  - 2 and 3 only
  - 1 and 3 only
  - 1, 2 and 3
40. Consider the following statements regarding the New Umbrella Entities (NUE) proposed by the RBI:
- New umbrella entities will manage payments in the retail space.
  - NUEs will be governed by the rules and provisions of the Payment and Settlement Systems Act, 2007.
- Which of the statements given above is/are correct?
- 1 only
  - 2 only
  - Both 1 and 2
  - Neither 1 nor 2
41. 'Full Depth Reclamation' technique is often mentioned in the news in the context of
- Restoration of water bodies
  - Production of plant growth substances
  - Developing genetically modified plants
  - Construction of roads
42. Consider the following countries:
- Iran
  - Ecuador
  - Qatar
  - Saudi Arabia
  - Venezuela
- Which of the above are members of the Organisation of the Petroleum Exporting Countries (OPEC)?
- 1, 2, 3 and 4 only
  - 3, 4 and 5 only
  - 1, 2, 4 and 5 only
  - 1, 2, 3 and 5 only
43. With reference to the Chief of Defence Staff India, consider the following statements:
- He enjoys command authority over all the three forces namely army, navy and the air force.
  - He is the ex-officio Secretary to the Government of India, Department of Military Affairs.
- Which of the statements given above is/are correct?
- 1 only
  - 2 only
  - Both 1 and 2
  - Neither 1 nor 2
44. Consider the following pairs:
- River Drains into**
- Dnipro : Baltic sea
  - Don : Sea of Azov
  - Moskva : Caspian sea
- How many pairs given above are correctly matched?
- Only one pair
  - Only two pairs

- (c) Only three pairs  
(d) All four pairs
45. The Centre recently nominated Charaideo Maidams to seek a UNESCO World Heritage Site tag for the historic site. In this context, consider the following statements regarding Charaideo Maidams:
1. Charaideo Maidams are burial mounds of the Ahom royalty.
  2. It comprises a massive underground vault with one or more chambers.
- 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 statements regarding Science Based Targets Initiative (SBTi):
1. It is a joint initiative of the World Wildlife Fund and the World Resources Institute.
  2. It is an ambitious corporate climate action to lead the way to a zero carbon economy.
- 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
47. Consider the following statements with respect to quasicrystals:
1. A quasicrystal consists of atoms that are arranged in a pattern that does not repeat itself regularly.
  2. They do not occur naturally and are produced artificially in laboratories.
  3. They are used in the manufacturing of non-stick frying pans and dental instruments.
- 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
48. "Steadfast Noon" and "Grom", sometimes seen in the news recently are
- (a) humanoids trained for space flights.
  - (b) remote sensing satellites.
  - (c) annual nuclear drills.
  - (d) blockchain based computing devices.
49. Consider the following statements regarding the 'Three Percent Club':
1. It was launched by the member countries of the UNFCCC ahead of the Paris Agreement in Paris in 2015.
  2. It aims to achieve a 3 percent global decrease in carbon emissions each year.
- 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. In the context of Indian economy, which of the following is **not** correct regarding gig economy?
- (a) In India, the term 'gig worker' is defined in the Code on Social Security, 2020.
  - (b) Gig workers are mainly paid on the outcome-based model.
  - (c) The gig workforce is expected to expand to 50 crore (500 million) workers by 2030.
  - (d) Universal minimum wage and floor wage under the Code on Wages, 2019 are applicable to gig workers.
51. With reference to Right to erasure, consider the following statements:
1. In India, it is recognized under Right to Privacy under article 21 of the constitution.
  2. The right is available only against information on the internet.
  3. Persons acquitted of a crime can seek removal of their case details to avoid social stigma.
- Which of the statements given above is/are correct?
- (a) 1 and 2 only



(b) 1 and 3 only

(c) 2 and 3 only

(d) 1, 2 and 3

52. With reference to bio-fuels, consider the following statements:

1. Second Generation biofuels are produced from non-food crops including agricultural residue.
2. Asia's first second-generation ethanol biorefinery has been set up in Haryana.

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. With reference to the Child Welfare Committees in India, consider the following statements:

1. They are created by the respective state governments under the Commissions for Protection of Child Rights Act, 2005
2. The Committee shall consist of a Chairperson and four other members, of whom at least one shall be a woman.
3. The committee has the final authority to dispose of cases for the protection and rehabilitation of children in need.

Which of the statements given above is/are correct?

(a) 1 and 3 only

(b) 2 only

(c) 2 and 3 only

(d) 1, 2 and 3

54. Consider the following Statements regarding 'Living Planet Index (LPI)':

1. The LPI shows the average rate of change in animal population sizes but does not show numbers of species lost or extinct.
2. It is an initiative of World Wildlife Fund for Nature (WWF).

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

55. With reference to Information Technology (Intermediary Guidelines and Digital Media Ethics Code) Rules, 2021, consider the following statements:

1. Under these rules, the union government has emergency powers to immediately remove any content from the internet to protect India's sovereignty.
2. The rules explicitly mention that social media intermediaries must respect the rights accorded to the citizens of India under the Articles 14, 19 and 21 of 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

56. Consider the following pairs:

***COP Climatechange Conference***

1. COP 26 : Declaration on forests and land use
2. COP 25 : Global Gender Action Plan, integrating gender issues into climate policies
3. COP 24 : "Rulebook" to operationalize the 2015 Paris Agreement.
4. COP 23 : Talanoa Dialogue

How many pairs given above are correctly matched?

(a) Only one pair

(b) Only two pairs

(c) Only three pairs

(d) All the four pairs

57. Consider the following pairs:

***Ports Sea/Ocean***

Odessa Port : Black Sea

Haifa Port : Mediterranean Sea

Hambantota Port : Indian Ocean

Chabahar Port: Caspian Sea

How many pairs given above are correctly matched?

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

58. Consider the following statements regarding dispute over Election Symbols:

1. The Representation of the People Act, 1951 empowers the Election Commission of India (ECI) to recognize political parties and allot symbols.
2. The decision of the ECI shall be binding on all rival groups except in case of registered but unrecognized parties.

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. With reference to the G-20 'Troika', consider

the following statements:

1. It is a sub-group within the G-20 comprising the three largest economies among the G-20 countries.
2. India is currently part of the G-20 Troika countries.

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

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

60. With reference to "Keeda jadi" or *Ophiocordyceps Sinensis* fungus sometimes mentioned in the news, consider the following statements:

1. It is one of the world's most expensive fungus.
2. It is endemic to the western ghats.

3. It is classified as Vulnerable under the IUCN Red List of Threatened Species.

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

61. 'In Our LiFetime' campaign, recently seen in the news, has been launched by which of the following?

1. United Nations Development Programme (UNDP)
2. United Nations Environment Programme (UNEP)
3. National Museum of Natural History
4. Both (a) and (c)

62. India's foreign exchange reserves declined by around \$ 70 billion in 2022. In this context, which of the following could be the reasons for the decline?

1. Appreciation of the US Dollar against the Indian rupee
  2. Decline in inward remittances
  3. High inflation in developed countries
- 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

63. Which of the following tool(s) can be used for plant genome editing?

1. Transcription activator-like effector nucleases (TALENs)
2. Zinc finger nucleases (ZFNs)
3. CRISPR/Cas9

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

64. Twitter has recently announced to paywall of

its API. In this context, consider the following statements with respect to Application Programming Interface (API):

1. API refers to a set of programming codes that facilitate interaction between two or more computer programmes.
2. Travel booking apps and streaming apps like Netflix often use APIs.
3. According to the Government of India's API policy, open API is discouraged in e-governance applications to prevent cyber attacks on government digital infrastructure.

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

65. Which of the following is/are **not** the methods of carbon sequestration?

1. Direct Air Capture
2. Graphene Production from carbon dioxide
3. Geological capture
4. Biological sequestration

Select the correct answer using the code given below.

- (a) 2 only
- (b) 1 and 3 only
- (c) 1, 2 and 4 only
- (d) All the above are methods of carbon

66. Consider the following statements about 'Nari Adalats':

1. They will be set up in every state and union territory to look up matters related to women.
2. They will be implemented by a special cell within the high courts.

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

67. Consider the following statements with reference to the Living Land Charter, recently seen in the news:

1. It was officially adopted at Sharm el-Sheikh Climate Change Conference (COP27).
2. It is a binding mandate for member countries to safeguard global land resources.

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

68. Consider the following statement with reference to the Bay of Bengal Initiative for Multi-Sectoral Technical and Economic Cooperation (BIMSTEC):

1. This organization came into force through Bangkok declaration in 1997.
2. The members of BIMSTEC include Bangladesh, India, Myanmar, and Thailand only.
3. The member countries of BIMSTEC constitute more than 50% of the world's GDP.

Which of the statements given above is/are correct?

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

69. Which of the following may be considered digital public goods?

1. Aadhar
2. Digilocker
3. Central KYC
4. Account aggregator

Select the correct answer using the code given below.

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

(c) 1 only

(d) 1, 2, 3 and 4

70. Consider the following statements regarding Open Radio Access Network (Open-RAN) Technology, frequently seen in the news:

1. Open RAN Technology allows transmission and receiving of signals from smartphones and other devices.
2. The Open RAN architecture allows for the separation between hardware and software with open interfaces.
3. Open RAN would reduce a telecom operator's network deployment cost as it is interoperable with other networks such as 4G.

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

71. Recently, the Union Cabinet approved the ratification of three protocols of Chicago Convention. In this context, Chicago Convention is related to which of the following sectors?

- (a) Digital Infrastructure  
(b) Public Health  
(c) Civil Aviation  
(d) Agricultural export

72. Which of the following are the applications of 'technical textiles'?

1. Bullet Proof Jackets
2. Fishing nets
3. Artificial turfs in sports
4. Medical implants
5. Airline disposables

Select the correct answer using the code given below.

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

73. Which of the following can be the likely reason for land subsidence i.e. sinking of the ground

because of underground material movement?

1. unplanned construction
2. over-population
3. obstruction of the natural flow of water
4. hydel power activities
5. reactivation of a geographic fault

Select the correct answer using the code given below.

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

74. Consider the following statements with reference to the Employees' Provident Fund Organisation (EPFO):

1. It manages social security funds of workers in the organized and semi-organized sectors in India.
2. It has a Universal Account Number for the portability of Provident Fund accounts of its members.
3. It is under the administrative control of the Ministry of Finance.

Which of the statements given above is/are correct?

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

75. 'Operation Barkhane' recently seen in the news is a/an

- (a) anti-piracy operation in Indian ocean region.  
(b) counter-insurgency operation in all the Sahel region countries of Africa.  
(c) evacuation program for the recent earthquake in Turkiye.  
(d) an operation to send counter-terrorist force to Afghanistan.

76. 'Bor Thekera' recently seen in the news is a/an

- (a) early human species  
(b) medicinal plant found to have cardioprotective potential  
(c) fossils of a kind of dinosaur  
(d) traditional water harvesting method

77. Consider the following statements regarding

the "Loss and Damage Fund"

1. It aims to provide financial assistance to nations most vulnerable and impacted by the effects of climate change.
2. The Fund has envisaged a goal for Developed countries to mobilize USD 100 million per year by 2025 to support climate action in developing countries.

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. With reference to the recently launched 'Sagar Parikrama', consider the following statements:

1. It was launched by the Ministry of Ports, Shipping, and Waterways.
2. One of its main objectives includes the facilitation of interaction with fishermen and promoting responsible fisheries.

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. Consider the following statements regarding the "Great Blue Wall Initiative":

1. It is an international movement that hopes to create interconnected protected marine areas to counteract the effects of climate change and global warming.
2. The initiative was formally launched during the COP 26 summit in Glasgow.

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

80. The Mauna Loa volcano eruption, recently seen in the news. Consider the following statements regarding Mauna Loa Volcano:

1. It is the world's largest active Volcano.
2. It is a type of Composite Volcano.

3. It is located on the island of Hawaii. Which of the statements given above is/are correct?

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

81. Giving to Amplify Earth Action (GAEA), a global initiative to finance net zero actions is launched by which of the following institutes?

- (a) United Nations Environment Program
- (b) World Bank
- (c) World Economic Forum
- (d) Global Environment Facility

82. Consider the following statements regarding components of light pollution:

1. Skyglow which is the brightening of the night sky over inhabited areas is considered a component of light pollution.
2. Clutter which is bright, confusing, and excessive groupings of light sources are impacting the migration routes of birds.

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

83. Consider the following statements with reference to the differences between Enforcement Directorate (ED) and the Central Bureau of Investigation (CBI).

1. Unlike CBI, ED cannot register a case on its own but can arrest a person under Prevention of Money Laundering Act, 2002.
2. While CBI functions under the Ministry of Home Affairs, ED works under the Ministry 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

84. Consider the following statements regarding the Marrakech Partnership for Global Climate Action:

1. It is a partnership between governments and

the businesses and investors launched at Sharm el-Sheikh Climate Change Conference (COP 27).

2. It aims to immediately lower emissions and increase resilience against climate impacts.

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

85. The terms 'High-Risk Jurisdictions subject to a Call for Action' and 'Jurisdictions Under Increased Monitoring' are often seen in the news in the context of:

- (a) International Monetary Fund
- (b) INTERPOL
- (c) Financial Action Task Force
- (d) World Bank

86. Consider the following statements related to sovereign green bonds in India:

1. In the absence of a private green bond market, the government has launched the Sovereign Green Bonds Framework of India.
2. SEBI would conduct auctions for 5-year and 10-year tenure sovereign green bonds.
3. The green bonds traditionally are issued at higher premiums leading to lower returns.

Which of the statements given above is/are correct?

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

87. Consider the following statements regarding Vibrant Villages Programme:

1. It is a centrally sponsored scheme for the comprehensive development of villages of blocks on the eastern border.
2. Vibrant Village Action Plans will be created by the district administration with the help of Gram Panchayats.

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. Consider the following statements with regards to the Employees Deposit Linked Insurance (EDLI) Scheme:

1. To avail the benefits under the scheme, employees have to contribute separately under EDLI apart from their contribution in EPF.
2. It was one of the Employees insurance schemes that was launched by the Government after 1991 economic reforms.
3. Any employee who has an EPF account automatically becomes eligible for the EDLI scheme.

Which of the statements given above is/are correct?

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

89. Consider the following statements regarding Invest India Grid (IIG) platform :

1. It acts as a centralized portal to track and review project progress across all economic and social infrastructure sub-sectors.
2. National Infrastructure Pipeline (NIP) is hosted on Invest India Grid.

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

90. With reference to Emergency Credit Line Guarantee Scheme referred to in the Economic Survey 2022-23, consider the following statements:

1. It provides 100% guarantee coverage to Member Lending Institutions (MLIs) for the loans provided to eligible Micro, Small, and Medium Enterprises (MSMEs).
2. All Scheduled Commercial Banks (SCBs) are eligible for Guaranteed Emergency Credit Line under the scheme.
3. It is launched as a part of the Aatma Nirbhar Bharat Package for business enterprises to meet their operational liabilities.

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

91. Consider the following statements regarding the global Multidimensional Poverty Index:

1. Its methodology is developed by United Nations Development Programme, Oxford Poverty & Human Development Initiative.
2. It ranges from 0 to 1 and a low score implies higher multidimensional poverty.
3. In India, the percentage of people in multidimensional poverty have been consistently declining since 2005.

Which of the statements given above are correct?

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

92. Consider the following statements regarding Foreign Direct Investment (FDI):

1. Indian government has permitted 100 percent FDI in telecommunication services, including all services and infrastructure providers through the automatic route.

2. Insurance sector remains protected with a ceiling on FDI of up to 49%.
3. The World Investment Report 2022 places India in the top ten largest recipients of FDI in 2021.

Which of the statements given above are correct?

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

93. Consider the following statements:

1. The Green Hydrogen Policy has been introduced to enable India to become energy independent by 2047.
2. Green Hydrogen is pure hydrogen generated by using renewable energy such as solar power and wind energy.
3. India's first pure green hydrogen plant has been commissioned in Odisha.

Which of the statements given above are correct?

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

94. With reference to Micro, Small, and Medium Enterprises (MSMEs) in India, consider the following pairs:

1. CHAMPIONS Portal: resolving cash flow difficulties of MSMEs
2. Samadhaan Portal: grievance redressal of MSMEs
3. Udyam Portal : registration of MSMEs

How many pairs given above is/are correctly matched?

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

95. In the context of the Indian economy, in which of the following sectors, 100 percent Foreign Direct Investment (FDI) is allowed?

1. News streaming through digital media
2. Insurance intermediaries

3. Sale of coal

Select the correct answer using the code given below.

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

96. Consider the following statements regarding the NISAR mission:

1. It is jointly developed by NASA and ISRO.
2. It is expected to be launched from Kennedy Space Center into a near-polar orbit.
3. It will provide critical information on Earth's crust, ice sheets, and ecosystems.

Which of the statements given above are correct?

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

97. Consider the following statements regarding introduction of Cheetahs in India:

1. It is the world's first intercontinental large wild carnivore translocation project.
2. It will make India the only country with five species of big cats: tiger, lion, leopard, snow leopard and cheetah.
3. Cheetahs have been declared extinct in India officially in 1952.

Which of the statements given above are correct?

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

98. Consider the following pairs:

1. Volcanogenic bedded Barytes: Andhra Pradesh
2. Akal Fossil Wood Park: Rajasthan
3. Lonar Lake : Maharashtra
4. Mawmluh Cave : Mizoram

How many pairs given above are correctly matched?

- (a) Only one pair
- (b) Only two pairs



(c) Only three pairs

(d) All four pairs

99. Consider the following statement regarding Account Aggregator (AA):

1. Account Aggregator (AA) is an entity engaged in collecting financial information pertaining to customers.
2. They are registered as Non-Banking Financial Companies (NBFC) with RBI.
3. Insurance companies can also be registered as Account Aggregator (AA).

Which of the statements given above are correct?

(a) 1 and 2 only

(b) 1 and 3 only

(c) 2 and 3 only

(d) 1, 2 and 3

100. Consider the following statements regarding neo-banks in India:

1. They leverage technology and artificial intelligence to offer personalized services to customers while minimizing operating costs.
2. These banks operate entirely online with no physical presence except physical office space.

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