



## 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. The recent slowdown in the Indian economy has often been described as both structural and cyclical in nature. It has been argued by some experts that the Indian economy is facing a 'Four balance sheet challenge'. In this context, which of the following components form the part of the 'Four balance sheet challenge'?

1. Public Sector Banks
2. Non-Banking Financial Companies
3. Real Estate Sector
4. Reserve Bank of India

Select the correct answer using the code given below.

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

2. Which of the following best defines "edge effect"?

- (a) It refers to the changes in population or community structures that occur at the boundary of two habitats.
- (b) It refers to the effect of climate change on apex predatory species in the highest trophic levels.
- (c) It refers to the reduction in species variety at the edge of the Earth's polar areas.
- (d) It refers to the near extinction of a particular species owing to imbalances in a food web.

3. Which of the following modifications can be seen in Mangroves that help them survive to waterlogged conditions?

1. Aerial roots
2. Viviparity mode of reproduction
3. Salt glands in leaves
4. Lenticellated bark

Select the correct answer using code given below.

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

4. Global Social Mobility Report 2020, recently seen in news, was released by

- (a) World Economic Forum
- (b) International Labour Organization
- (c) World Bank
- (d) United Nations Development Programme

5. In the context of cultural history of India, *Saptamatrikas* refers to a group of seven:

- (a) female poets in the court of Vijaynagara Kings.
- (b) gods, each of whom represents an element of nature.
- (c) mother-goddesses, each of whom is the female counterpart of a god.
- (d) council of ministers in charge of various departments during the reign of Chola dynasty.

6. With respect to the Ajivika Sect, consider the following statements:

1. Its central idea was that human efforts play an important role in determining his own karma and ultimately his own destiny.
2. It was founded by the Makkhali Gosala.
3. Barabar caves that belonged to Ajivika sects are a UNESCO World Heritage Site.

Which of the statements given above is/are correct?

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

7. Under the constitution, a person shall be disqualified for being elected as a member of parliament if
1. He holds any office of profit
  2. He is found guilty of a certain election offense
  3. He fails to lodge an account of his election expenses within stipulated times
  4. He is an undischarged insolvent.
- Select the correct answer using the code given below.
- (a) 2 and 3 only  
(b) 1, 2 and 4 only  
(c) 1, 2, 3 and 4  
(d) 1 and 4 only
8. The Kilkanakku texts in Sangam literature deals with:
- (a) prescription of code of conduct for various social groups in society.  
(b) narration and glorification of heroic works of rulers.  
(c) earliest information about Tamil grammar and literary works.  
(d) description of socio economic conditions of Pandyan kingdom.
9. NITI Aayog recently advocated a methanol economy to solve India's energy crisis. In this context, which of the following statements is/are correct with respect to methanol?
1. Methanol has a lower energy density than petrol.
  2. The CO<sub>2</sub> emitted while using methanol can be recycled to produce methanol.
  3. Methanol blending percentage of petrol in India is around 5%.
- Select the correct answer using the code given below.
- (a) 1 only  
(b) 1 and 3 only  
(c) 2 and 3 only  
(d) 1 and 2 only

10. In the context of mountains, the term *nappe* is associated with:
- (a) Residual mountains  
(b) Block mountains  
(c) Volcanic mountains  
(d) Fold mountains
11. With reference to the Standing Committee on Finance, consider the following statements:
1. It examines the financial matters concerned with all the ministries and departments of the Government of India.
  2. The Chairman of the Committee is appointed by the Speaker from amongst the members of the Committee from Lok Sabha.
- 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
12. An outbreak of Infectious disease epidemics often poses a significant threat to markets and the economy in the short term. In this context which of the following is **not** correct with respect to the impact of the Coronavirus?
- (a) Fall in prices of cotton in Indian market.  
(b) Decline in exports of Gems and Jewellery from India.  
(c) Fall in prices of Soybean in Indian market.  
(d) Rise in prices of crude oil.

**13.** Which of the following conditions is/are necessary for the formation of dew?

1. Cloudy sky
2. Strong winds
3. High relative humidity

Select the correct answer using the code given below.

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

**14.** Which of the following statements is/are correct with respect to the horizontal distribution of salinity in oceans?

1. The North Sea records higher-than-normal salinity due to saline water brought by the North Atlantic Drift.
2. Black Sea records lower-than-normal salinity due to the freshwater influx by rivers.

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

**15.** Consider the following Indian states:

1. Haryana
2. Madhya Pradesh
3. Rajasthan
4. Chhattisgarh

Which of the states given above are part of the Ganga River Basin?

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

**16.** With reference to the special address by the President of India, consider the following statements:

1. The special address must take place at the commencement of the first session every year.
2. It is a Parliamentary convention that is not mentioned in the Constitution.
3. It has to be addressed to both the Houses of the Parliament assembled together.

Which of the statements given above is/are correct?

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

**17.** With reference to DNA damage, consider the following statements:

1. DNA damage is also called mutation.
2. DNA damage results in physical abnormalities in the DNA.
3. CRISPR technology can be used to repair damaged DNA.

Which of the statements given above is/are correct?

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

**18.** Methane is a strong greenhouse gas with a global warming potential. Which of the following are the sources of methane emission?

1. Paddy rice fields
2. Livestock production systems
3. Soil with high concentration of Methanotrophic bacteria

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. Consider the following statements regarding the writ of Certiorari:

1. It is issued by a higher court to a lower court to transfer a case pending with the latter to itself or to quash the order of the latter in a case.
2. It can be issued against judicial as well as administrative authorities affecting the rights of individuals.

Which of the statements given above is/are correct?

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

20. Consider the following statements regarding Guru Tegh Bahadur:

1. He was a contemporary of Aurangzeb.
2. He is only Sikh Guru whose teachings/hymns are not part of *Guru Granth Sahib*.
3. He established the Khalsa Panth in order to teach the followers about the supremacy of the almighty.

Which of the statements given above is/are correct?

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

21. Consider the following pairs with respect to Indian classical dance forms:

<i>Dance forms</i>	<i>Associated traditions</i>
1. Kuchipudi	: Yakshagaana
2. Bharatnatyam	: Ekharya lasyam
3. Odissi	: Gotipuas

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

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

22. Consider the following statements:

1. The main objective of the Ghadar movement was to establish the Independent Republic of India.
2. A weekly paper the 'Ghadar' was published in commemoration of the mutiny of 1857.

Which of the statements given above is/are correct?

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

23. Income distance criteria used by 15th Finance Commission refers to:

- (a) the difference between the per capita income of the state from that of national per capita income.
- (b) the difference between the per capita gross state domestic product (GSDP) of the state from that of the state with the highest per capita GSDP.
- (c) the difference between the average income of BPL households in the state from that of average income of BPL households across the nation.
- (d) the difference between the per capita income of the state from that of state with lowest fiscal deficit.

24. I-STEM portal, recently launched by the Government of India aims at

- (a) providing information to researchers to locate facilities that are required for their R&D work.
- (b) providing financial and technical assistance to scientists working in stem cell research
- (c) promoting the education and health of adolescent girls
- (d) providing affordable and quality education to the citizens for free

25. Consider the following statements regarding specific and ad valorem tax:

1. While a specific tax is levied on the value of the imported item, ad valorem is computed on the physical quantity of the goods being imported.
2. Specific taxes are more progressive than ad-valorem taxes.

Which of the statements given above is/are correct?

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

26. Which of the following peasant(s) uprising led the colonial government to introduce a law that restricted the transfer of tribal land to non-tribals?

1. Munda uprising
2. Santhal revolt
3. Faraizis revolt

Select the correct answer using the code given below.

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

27. Consider the following pairs:

**Painting**

**State**

- |                 |               |
|-----------------|---------------|
| 1. Kalamezhuthu | : Kerala      |
| 2. Sohrai       | : Jharkhand   |
| 3. Paitkar      | : West Bengal |

Which of the pairs given above is/are correct?

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

28. According to the Constitution, the population is used as a factor in which of the following?

1. Funds distribution formula adopted by the Finance Commission.
2. Composition of the House of the People
3. Composition of the Legislative Assemblies
4. Reservation of seats for Scheduled Castes and Scheduled Tribes in the state legislative assemblies

Select the correct answer using the code given below.

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

29. Consider the following statements regarding the Indo-Islamic architecture during the medieval India:

1. Human and animal figures were frequently represented for the decoration of the walls of the mosques.
2. The arch and dome method, which was used on a wide scale, was a Turkish invention.

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 Indian National Satellite (INSAT) system, consider the following statements:

1. It is the communication satellite system of India under which satellites are placed in the Low Earth orbit.
2. It is used to provide services to telecommunications, weather forecasting, disaster warning and search and rescue operations.
3. HAMSAT, EDUSAT and KALPANA-1 are satellites launched under this system.

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.** With reference to the Fiscal Responsibility and Budget Management Act, 2003 (FRBMA), consider the following statements:

1. The outcome budget was introduced as part of the Act.
2. It provides scope for deviation from the annual fiscal deficit target under certain conditions.
3. It prohibits the central government borrowings from the RBI under all circumstances.

Which of the statements given above is/are correct?

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

- 32.** With reference to Khadar and Bhangar type of alluvial soils, consider the following statements:

1. Khadar is found in the flood plains and deltas, while Bhangar is found on the higher side of river valleys.
2. Khadar is a younger type of alluvial soils compared to Bhangar soils.
3. Khadar is clayey and dark in color while Bhangar is sandy and light in color.

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 the Indian Economy, what are Ways and Means advances?

- (a) These are part of infrastructure projects financing mechanism by National Investment and Infrastructure Fund.
- (b) These are part of monetary exchanges between two countries as a part of Double Taxation Avoidance Agreements (DTAA).
- (c) These are temporary loans advanced by RBI to central and state governments.
- (d) These are loans advanced by IMF to overcome financial crisis.

- 34.** Consider the following statements regarding World Design Organisation:

1. It is an international non-governmental organization aimed at promoting knowledge of industrial design-driven innovation.
2. It is the successor organisation to the International Council of Societies of Industrial Design.
3. The World Design Capital (WDC) which is a city promotion project is an initiative of the World Design Organization.

Which of the statements given above is/are correct?

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

- 35.** Consider the following statements with respect to Ports and Shipping Industry:

1. Maritime transport in India handles more than 90% of India's external trade by volume.
2. 100 percent FDI is allowed under automatic route for port and harbor construction and maintenance projects.

Which of the statements given above is/are correct?

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

- 36.** Consider the following passage about a system of traditional medicine:

"It is originated in Greece. It believes that achieving a balance of the four bodily fluids i.e. blood, phlegm, yellow bile, and black bile is essential to health. It recognizes the effects of music, pleasant company and beautiful scenery in curing a disease."

Which of the following is being described in the above-given passage?

- (a) Unani
- (b) Ayurveda
- (c) Naturopathy
- (d) Sowa-Rigpa

37. Why is the plant called 'Senna spectabilis' often mentioned in news?
- (a) It is a threat to native flora in the southern states of India
  - (b) It is widely used in cultural practices of North East India
  - (c) It is a new species discovered in the Himalayan region
  - (d) It is identified as critically endangered plant species by IUCN.

38. Which of the following statement best describe Phreatophytes?
- (a) They are salt-tolerant plants that grow in waters with high salinity only.
  - (b) Deep rooted plants that obtains a significant portion of the water that it needs from a constant source on the ground.
  - (c) Plants that grows harmlessly upon another plant and derives its moisture and nutrients from the air, rain and debris.
  - (d) Plants that derive their nutrients by trapping and consuming insects.

39. ELISA diagnostic technique is being increasingly used in medical tests. In this context, consider the following statements:
1. ELISA is based on the principle of antigen-antibody interaction.
  2. It can detect infectious agents only in animal tissue.
  3. ELISA can be used to detect the diseases of HIV and Dengue.
- 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

40. Consider the following statements:
1. An increase in cash in the hand of the public can lead to a decline in the money multiplier.
  2. An increase in the cash reserve ratio will lead to an increase in the money multiplier.
- 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

41. Which of the following statements regarding the Government of India Act, 1935 is/are correct?
1. It provided the Dominion status to India.
  2. It provided separate representation to workers as well as women.
  3. The Indian legislatures were authorized to modify or amend the act.
- Select the correct answer using the code given below.
- (a) 1 only
  - (b) 2 only
  - (c) 1 and 3 only
  - (d) 3 only

42. Which of the following actions are *not* immune from judicial review in India?
1. Speaker's decisions to classify a bill as a money bill
  2. Presiding officer's decision to disqualify a member of the house under 10th schedule
  3. President's rejection of a mercy petition
  4. Legislations added to the ninth schedule of the constitution
- Select the correct answer using the code given below.
- (a) 1, 2, 3 and 4
  - (b) 1, 2 and 4 only
  - (c) 1 and 2 only
  - (d) 3 and 4 only



- 43.** Consider the following statements regarding Regional Rural Banks (RRBs):
1. Its objective includes reducing regional imbalances and increasing rural employment generation.
  2. They are exempted from SLR requirements.
  3. They are completely owned by the respective state governments.
- Which of the statements given above is/are correct?
- (a) 1 only  
(b) 1 and 2 only  
(c) 2 and 3 only  
(d) 1 and 3 only
- 44.** Plasticrust, recently seen in news, refers to :
- (a) Layer of plastic being formed on upper soil in and around landfills.  
(b) Fixator used in paints and varnishes, leading to indoor pollution.  
(c) The recently identified plastic degrading fungi.  
(d) Thin coating of plastic that's growing on the shoreline rocks.
- 45.** Consider the following statements in the context of State of forest report-2019, India:
1. Karnataka recorded the highest share of fire incidents in India.
  2. West Bengal has the largest area of wetlands within the reserved forest area in the country.
  3. Forest Survey of India (FSI) has carried out a rapid assessment of biodiversity for all the States and UTs for the first time.
- Which of the statements given above is /are correct?
- (a) 1 and 2 only  
(b) 2 and 3 only  
(c) 3 only  
(d) None

- 46.** With reference to Compressed Biogas (CBG), consider the following statements:
1. CBG is produced through a process of anaerobic decomposition from municipal solid waste.
  2. It is an enriched form of biogas containing methane, carbon dioxide and traces of other gases.
- 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 regarding the United Nations Convention against Corruption:
1. It is the only legally binding universal anti-corruption instrument.
  2. The convention has provisions for asset recovery which allows for returning of assets to the rightful owners.
- Which of the statements given above is/are correct?
- (a) 1 only  
(b) 2 only  
(c) Both 1 and 2  
(d) Neither 1 nor 2
- 48.** Consider the following statements regarding the Statutory Civil Services:
1. It was introduced by Lord Lytton.
  2. Statutory Civil Services had the same status and salary as Covenanted Service.
  3. Appointment for the services was made through open competition which was held in India.
- Which of the statements given above is/are correct?
- (a) 1 and 2 only  
(b) 2 only  
(c) 1, 2 and 3  
(d) 1 only

49. Which of the following statements is/are correct regarding Salmonella bacteria?

1. It is found in the intestines of humans, animals as well as birds.
2. It is a gram positive bacteria
3. Person-to-person transmission of the bacteria can occur through the faecal-oral route.

Select the correct answer using the code given below:

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

50. The legislative council of a state has been given powers to:

1. Approve the ordinances issued by the governor.
2. Enlarge the jurisdiction of state public service commission.
3. Authorize Constitutional amendment bills that require state ratification.

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

51. In the context of cosmology, which of the following statements is/are correct?

1. Only 10% of the matter in the universe is comprised of dark matter.
2. Black holes are formed as a result of a split in neutron stars.
3. Dark energy is evenly distributed throughout the universe in space and time.

Select the correct answer using the code given below.

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

52. Which of the following statements about Sundarbans Biosphere Reserve is **not** correct?

- (a) It is the only mangrove habitat in the world for *Panthera tigris tigris*.
- (b) The critically endangered northern river terrapin is found here.
- (c) The Sundarbans reserve forest has been declared as Ramsar site.
- (d) The forest tracts of Neyyar, Peppara, Shendurney wildlife sanctuaries are located here.

53. *This ancient ruler was an early Chola king who founded the capital at Puhar during the Sangam age. He is credited with the construction of 160 km of the embankment along the Kaveri river which was built with the labor of 12,000 slaves brought from Sri Lanka as captives.*

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

- (a) Karikala
- (b) Raja Raja Chola
- (c) Senguttuvan
- (d) Rajendra I

54. This temple is located along the southern bank of river Tungabhadra and dedicated to lord Vishnu. Temple has 56 stone pillars that produce musical notes when tapped and also has a famous stone chariot in the center. The above paragraph best describe which one of the following temples?

- (a) Virupaksha Temple
- (b) Vitthala temple
- (c) Brihadeshwara temple
- (d) Hoysaleswara temple

55. The right to livelihood is an intrinsic part of the Indian Constitution. It is related to which of the provisions under the Constitution?

- (a) Article 15
- (b) Article 16
- (c) Article 21
- (d) Article 23

56. Which of the following programs/law by the government is intended to realize the ideals under Article 41 of the Indian Constitution?

- (a) The National Social Assistance Programme (NSAP)
- (b) Maternity Benefit Act
- (c) Integrated Child Development Services (ICDS)
- (d) Mission Indradhanush

57. Which among the following is **not** correct with reference to the Cash Reserve Ratio (CRR)?

- 1. It is a quantitative tool on which the RBI charges a low-interest rate.
- 2. It carries no penalty in case the banks violate the CRR ratio.
- 3. RBI approved securities are allowed as a part of CRR.

Select the correct answer using the code given below.

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

58. 'Boson' has been quite frequent in news due to important scientific research. In this context, which of the following statements is/are correct about bosons?

- 1. They are elementary particles that make up the matter.
- 2. Electrons and Protons are included in the category of bosons.
- 3. Every boson has a negligible, but non zero mass.

Select the correct answer using the code given below.

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

59. With reference to the office of the whip, consider the following statements:

- 1. Although the office of the whip is not a constitutional post, it is mentioned in the rules of the house.
- 2. Every major political party, whether ruling or opposition, has its own whip in Parliament.
- 3. The whip acts as the floor leader for the political party.

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

**60.** Which of the following proposals were made by the Cripps Mission?

1. India was promised a Dominion status but without the right to secede from the British Commonwealth.
2. The new Constitution of India would be framed by a Constituent Assembly composed of representatives of the Provinces and the Indian States.
3. If some Provinces were still not satisfied with the Constitution, then such Provinces could remain out with complete self-government.

Select the correct answer using the code given below.

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

**61.** Which of the following statements regarding the Integrated Management of Public Distribution System (IM-PDS) scheme is/are correct?

1. The objective of IM-PDS is to create a central repository of all ration card holders under the National Food Security Act, 2013.
2. Under the scheme, beneficiaries can obtain entitled foodgrain from any Fair Price Shop across the country.
3. It is implemented by the National Agricultural Cooperative Marketing Federation of India Ltd. (NAFED).

Select the correct answer using the code given below.

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

**62.** Which of the following statements is/are correct regarding the import cover?

1. It refers to the number of months of imports that can be financed by the foreign exchange reserves of a country.
2. India's import cover has consistently increased in the last decade.

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

**63.** With reference to the Speaker of the Lok Sabha, consider the following statements:

1. He must be a member of the Lok Sabha at the time of the election.
2. He must resign from the membership of his party on his election to the office.
3. He must vacate his seat whenever the Lok Sabha is dissolved.

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.** Recently Central Drugs Standard Control Organization prepared its first National Essential Diagnostics List. It will help in

1. addressing antimicrobial resistance crisis in the country.
2. enable standardization of technology/diagnostic services.

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

65. *It is a common resident breeder in the tropical southern Asia from southwest Iran through India and Sri Lanka east to southern China and Indonesia. They attack foxes and jackals which has earned them the popular name 'Kotwal' (a police officer in Hindi). All this aggressive behavior towards birds of prey encourages gentle species like doves, orioles, and bulbuls to nest in the vicinity.*

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

- (a) Woodpecker
- (b) Black Drongo
- (c) Barking Owl
- (d) Egret

66. Which of the following are the salient features of the National Clean Air Programme (NCAP)?

1. It sets annual targets for curbing PM 2.5 and PM10 pollution.
2. It is a pan India mission involving all the cities of India.
3. It is a multi-stakeholder programme which involves coordination among various ministries and civil societies.
4. It lays emphasis on awareness and capacity building initiatives.

Select the correct answer using the code given below:

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

67. Consider the following statements regarding the pardoning powers of the President of India and the Governor of a State:

1. While the President can pardon a death sentence, the governor of a state cannot.
2. The Constitution of India empowers both the President and governors of states to grant pardon where the punishment is by court martial.

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 pairs:

Types of Carbon emission	Features
1. Black carbon	: particulate matter released during the burning of fossil fuels that lead to global warming.
2. Brown carbon	: the carbon captured by terrestrial ecosystems like soil, trees.
3. Blue carbon	: carbon captured by the world's ocean and coastal ecosystems.

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

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

69. In the context of the ecosystem, the term extirpation is often seen in the news. What is it?
- It is the condition of a species that ceases to exist in the chosen geographic area of study, though it still exists elsewhere.
  - It is an evolutionary process that leads to the disappearance of a species on the earth surface.
  - It refers to evolutionary process that leads to disappearance of unused body parts and specialisation of over used parts.
  - It refers to an ecological succession process in which invasive plants colonise a given area.
70. Which of the following bills require a prior recommendation of the President before being introduced in the legislature?
- Constitutional amendment bill
  - Bill concerning the formation of a new state
  - Money bills
  - State bills that impose trade restrictions
- Select the correct answer using the code given below
- 2 and 3 only
  - 2, 3 and 4 only
  - 1, 2 and 4 only
  - 1 and 4 only
71. Dutt-Bradley thesis emphasized the great role of the Indian National Congress in realizing the anti-imperialist people's front. It was associated with which one of the following political parties?
- Communist Party of India
  - Hindu Mahasabha
  - Swaraj Party
  - Congress Socialist Party

72. Consider the following pairs:
- | <i>Terms</i> | <i>Associated with</i>       |
|--------------|------------------------------|
| 1. Bughyals  | : Backwaters                 |
| 2. Barchans  | : Summer Grassland           |
| 3. Kayals    | : Crescent shapes sand dunes |
| 4. Karewas   | : Deposits of glacial clay   |
- Which of the pairs given above are **not** correctly matched?
- 1, 2 and 3 only
  - 2 and 3 only
  - 1 and 4 only
  - 1, 2, 3 and 4
73. In the context of wearable technologies, which of the following can be done by 'Smart Shoes'?
- Measure the weight of a person
  - Self-lacing
  - Detection of a fall
- Select the correct answer using the code given below.
- 1 and 2 only
  - 2 and 3 only
  - 1 and 3 only
  - 1, 2 and 3
74. In the context of the Nuclear Suppliers Group (NSG), consider the following statements:
- Nuclear Suppliers Group (NSG) aims to prevent the misuse of nuclear technology and nuclear materials for military purposes.
  - Every member of the Nuclear Suppliers Group (NSG) must be a signatory of the Non-Proliferation Treaty (NPT).
- Which of the statements given above is/are correct?
- 1 only
  - 2 only
  - Both 1 and 2
  - Neither 1 nor 2



**75.** Which of the following Parliamentary committees is/are exclusive to the members of the Lok Sabha only?

1. Committee on Private Members' Bills and Resolutions
2. Committee on Public Undertakings
3. Estimates Committee
4. Committee on Absence of Members

Select the correct answer using the code given below.

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

**76.** Consider the following statements in the context of the Asian Water Bird Census:

1. The census aims to collect periodic information about the waterbird populations, monitor wetlands and also promote public awareness.
2. It is conducted by the Bombay Natural history Society (BNHS) and Wetlands International.
3. It is a biennial exercise.

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

**77.** Perform Achieve Trade (PAT) scheme is a regulatory instrument to reduce specific energy consumption in energy-intensive industries. In this context consider the following statements:

1. PAT is a flagship programme of the Bureau of Energy Efficiency.
2. Government of India notifies PAT rules in exercise of powers given under the Energy Conservation Act, 2001.
3. The Energy Saving Certificates (ESCs) obtained under PAT can be traded at Indian Energy Exchange (IEX) only.

Which of the statements given above is/are correct?

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

**78.** With reference to the Department of Administrative Reforms and Public Grievances (DARPG), which aims to redress public grievances, consider the following statements:

1. It created the Sevottam model to improve the quality of service delivery to citizens.
2. It has been entrusted with the implementation of the Consumer Protection Act, 1986.
3. The National Centre for Good Governance is a body under its aegis.

Which of the statements given above are correct?

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

**79.** The RBI adopted the flexible inflation targetting regime, based on the recommendations of which of the following committees?

- (a) Nachiket Mor Committee
- (b) Urjit Patel Committee
- (c) Rangarajan Committee
- (d) Bimal Jalan Committee

**80.** Consider the following statements regarding the Hague Convention on the Civil Aspects of International Child Abduction:

1. The convention seeks to return children abducted or retained overseas by a parent to their country of habitual residence.
2. The convention applies to the child, up to the age of 18 years.
3. All the members of the United Nations are the party to the Hague Convention.

Which of the statements given above is/are correct?

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

**81.** Consider the following statements with respect to the Maritime States Development Council:

1. It is the apex advisory body for the development of the maritime sector in India.
2. It is chaired by the Prime minister and includes Chief ministers of maritime states as members.

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

**82.** In the context of British rule in India, *Sterling balances* refer to:

- (a) band of exchange rate to be followed by British government between sterling and Indian rupee.
- (b) Britain's earnings on its exports to India which was paid in the currency of Indian rupee.
- (c) payments from the Britain to India to compensate for 200 years of its colonial rule.
- (d) India's earnings in foreign currency on its exports for the war credited to the account of the Reserve Bank of India in London.

**83.** With reference to Ransomware and Malware, consider the following statements:

1. While malware is a malicious code that disrupts a system by gaining unauthorized access, ransomware locks up the system files and demands a ransom to unlock the system.
2. While personal computers and laptops are affected by malware, ransomware only affects ATM machines.

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.** Which of the following are a part of NASA's Great Observatories Programme?

1. Hubble Space Telescope
2. Compton Gamma Ray Observatory
3. Chandra X-ray Observatory

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

**85.** Single Cell protein refers to an edible microorganism. Which of the following is/are used in the production of single-cell proteins?

1. Bacteria
2. Algae
3. Fungi
4. Yeast

Select the correct answer using the code given below.

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

**86.** In the context of geographical landforms, consider the following statements with respect to Windgap:

1. Wind gaps are abandoned sections of the valley after river capture.
2. The windgaps are suitable sites for rail and road bridge construction.

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.** Land surface becomes warm and cold more quickly than the water surface at the same latitude due to which of the following reasons?

1. Specific heat of water is much less than that of the land surface.
2. Redistribution of heat by conduction is slower in land surface than water.

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

**88.** Which of the following statements is/are correct with reference to Blockchain technology?

1. The immutability of the blockchain is critical for the preservation of the integrity of the data.
2. Bitcoin developed using blockchain technology has been accepted as legal tender in India from the financial year 2018-19.

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

**89.** Consider the following passage:

"It was a suburban township near Vijayanagara. It was founded by Krishnadeva Raya who named it after his mother."

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

- (a) Hampi
- (b) Talikota
- (c) Penukonda
- (d) Nagalapuram

**90.** Which of the following statements are correct regarding the Intellectual Property Appellate Board (IPAB)?

1. It is a statutory body established under the provisions of Trade Marks Act, 1999.
2. The Chairman of IPAB should be a retired judge of the Supreme Court.
3. Appeals against the decision of IPAB can only be filed before the Supreme Court.

Select the correct answer using the code given below.

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

91. With reference to Key Biodiversity Areas, consider the following statements:

1. They are the areas of international importance in terms of biodiversity conservation in line with global standards.
2. They are established under the Biological Diversity Act (2002).

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. Which of the following are the possible impacts of acid rain?

1. Increased neurological diseases in humans
2. Leaching of nutrients from the soil
3. Increased rate of photosynthesis in 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

93. Consider the following pairs:

<b>Committee on</b>	<b>Headed by</b>
1. Corporate Social Responsibility	Injeti Srinivas
2. CryptoCurrency	Akhilesh Ranjan
3. Direct Tax Code	Subhash Chandra Garg

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

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

94. Consider the following statements about Chickenpox disease:

1. It is a contagious disease caused by a virus.
2. It is an incurable disease.
3. Under the Universal Immunisation Programme, children in India are vaccinated to prevent chickenpox.

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

95. Who among the following is *not* elected by an open ballot system?

1. The President
2. The Vice President
3. Members of Rajya Sabha
4. Members of Lok Sabha

Select the correct answer using the code given below.

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

96. Which of the following can lead to eutrophication in a water body?

1. Run off from agricultural fields
2. Acid rain
3. Septic tank leachate

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

97. "It is a multilateral treaty to promote shared responsibilities in relation to the importation of hazardous chemicals. The convention promotes the open exchange of information and calls on exporters of hazardous chemicals to use proper labeling, include directions on safe handling, and inform purchasers of any known restrictions or bans. India is a signatory to the convention." Which of the following convention is being referred to in the above-given passage?
- (a) Stockholm Convention
  - (b) Basel Convention
  - (c) Rotterdam Convention
  - (d) Minimata Convention

98. Arrange the following Wildlife Sanctuaries (WLS) of India from North to South.
1. Kamlang
  2. Trishna
  3. Bor
  4. Coringa
- Select the correct answer using the code given below.
- (a) 2-1-3-4
  - (b) 1-2-4-3
  - (c) 1-2-3-4
  - (d) 2-1-4-3

99. In the history of Indian freedom struggle the day 7th August 1905 is well-known for?
- (a) The passage of Indian Universities Act.
  - (b) The split between the moderates and extremists within the Congress.
  - (c) The announcement of the partition of Bengal by Lord Curzon.
  - (d) The Swadeshi movement was launched from Calcutta Town Hall.
100. Consider the following statements about Bhagat Singh:
1. He was the founder of Naujawan Bharat Sabha.
  2. He was associated with the Lahore conspiracy case.
  3. He believed that popular broad-based movement could lead to a successful revolution.
- Which of the statements given above is/are correct?
- (a) 1 and 2 only
  - (b) 1 only
  - (c) 1, 2 and 3
  - (d) 2 and 3 only