



All India Civil Services Coaching Centre

(Under the aegis of Government of Tamil Nadu)

TEST BOOKLET

Test 14 – GS Paper I

Time Allowed: 2 Hours

Maximum Marks: 200

INSTRUCTIONS

1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS TEST BOOKLET DOES NOT HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR ITEMS ETC. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET
2. You have to enter your Name on the Test Booklet
3. This Test Book contains 100 items (questions). Each it comprises four responses (answers). You will select the response, which you want to mark on the Answer Sheet. In case you feel that there is more than one correct response, mark the response, which you consider the best. In any case, choose ONLY ONE response for each item.
4. You have to mark all your response ONLY on the separate sheet provided along with the Test Booklet.
5. All items Carry equal marks. There will be **penalty (negative marking)** for wrong answers marked by you in the Answer sheet.
6. There are four alternatives for the answers to every question. For each question for which a wrong answer has been given by the candidate, one third ($\frac{1}{3}$) of the marks assigned to that question will be deducted as penalty.
7. If a candidate gives more than one answer, it will be treated as a wrong answer even if one of the given answers happens to be correct and there will same penalty as above for that question.
8. If a question is left blank i.e., no answer is given by the candidate, there will be no penalty for that question.

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



All India Civil Services Coaching Centre

(Under the aegis of Government of Tamil Nadu)

Test 14 – GS Paper I

Time Allowed: 2 Hours

Maximum Marks: 200

- Consider the following statements regarding Law Commission of India:
 - The Law Commission of India is a statutory body constituted by the Government of India from time to time.
 - The first Law Commission was established under the Charter Act of 1853.
 - The Law Commission can Suo-motu undertake research in law and review of existing laws in India.Which of the statement(s) given above is/are correct?
 - 3 only
 - 1, 2 and 3
 - 2 only
 - None of the above
- Consider the following statements regarding Fundamental Rights:
 - The right to freedom of speech and expression includes right to strike.
 - The grounds for imposing reasonable restrictions on the Right for the freedom of movement and the freedom of residence are same.
 - Article 21 provides for Right to move outside country.Which of the statements given above is/are correct?
 - 1, 2 and 3
 - 2 and 3 only
 - 2 only
 - 3 only
- Which of the following is not a quantitative instrument of monetary policy?
 - Reverse Repo Rate
 - Open Market Operations
 - Moral Suasion
 - Statutory Liquidity Ratio
- Which of the following statements are correct?
 - Cabinet Committee on Economic Affairs decides Fair & Remunerative Price (FRP) for sugarcane.
 - MSP is based on the recommendations of Commission for Agricultural Costs and Prices (CACP), which is an attached office of the Ministry of Agriculture and Farmers Welfare.
 - MSP is estimated by considering cost of production, the imputed rent for the owned land, and imputed value of wages to family labour.Select the correct answer using the codes given below:
 - 1 only
 - 1 and 2 only
 - 3 only
 - 1, 2 and 3
- Consider the following statements regarding Ecological Succession:
 - The entire sequence of communities that successively change in a given area are called sere.
 - In the successive seral stages there is decrease in total biomass.
 - Xerarch succession takes place in dry areas.Select the correct option using the codes given below:
 - 1 and 3 only
 - 2 and 3 only
 - 3 only
 - 1, 2 and 3
- Consider the following statements regarding the Coral reefs:
 - Coral reefs have greater biodiversity than tropical rainforests.
 - They are mainly found in tropical oceans.
 - Coral polyps cannot survive above water

level.

Select the correct option using the codes given below:

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

7. Consider the following statements regarding the 'Independence for India League':

- 1. It was founded by Jawaharlal Nehru and Subhash Chandra Bose.
- 2. Srinivasa Iyengar was its first president
- 3. Its objective was to attain complete independence with a socialist vision of the economic structure of society.

Which of the above given statements are correct?

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

8. Which of the following statements are correct regarding temple architecture in India?

- 1. Dravida style temples have a striking feature of massive rectangular step-like tank.
- 2. The exteriors of the Odisha temples are lavishly carved whereas interiors are generally quite bare.
- 3. The star-like ground plan is a distinct feature of Hoysala temples which developed in south India during Cholas.

Select the correct option using the codes given below:

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

9. Consider the following statements regarding Weathering:

- 1. Weathering is the initial stage in the formation of soil.
- 2. Weathering produces other natural resources such as clay which is used for making bricks.
- 3. Weathering weaken rocks making them

easier for mining and quarrying.

Which of the above statement/s is/are correct?

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

10. Consider the following statements about The English Channel:

- 1. The English Channel separates the northern coast of England from the southern coast of France.
- 2. The English Channel connects the North Sea from Atlantic Ocean.

Which of the above statement/s is/are correct?

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

11. What is 'GW190412' recently in the news?

- (a) The First gravitational wave observation from the merger of two black holes with different masses.
- (b) It is a Comet that made a Temporary Stop Near Jupiter's Asteroids.
- (c) It is the terrestrial planet within the habitable zone of the Sun.
- (d) It is a sun-synchronous orbit satellite made for communication purposes. It is the nearest known exoplanet then the Proxima Centauri.

12. Consider the following statements about 'Paddy Watch App':

- 1. It is the world's first real-time paddy field monitoring platform, which will give information on the quantity of rice planted and the harvest achieved.
- 2. The app, being built by researchers from the Indian Institute of Technology Bombay in collaboration with ISRO.

Which of the above statements is/are incorrect?

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

13. With reference to Drone Rules (announced in August 2021), consider the following statements:

1. Drones up to 500 kg are now subject to regulations, compared to the earlier limit of 300 kg.
2. Requirement of prior security clearance has been removed.
3. Earlier restrictions on all foreign entities owning, manufacturing or dealing with drones in India has been done away with.
4. Quantum of fees to be paid considerably reduced and delinked with the size of drone.

Which of the statements given above are correct?

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

14. Consider the following:

1. Rapid economic recovery post pandemic
2. Rate Rationalization Measures to correct inverted duty structure
3. Nation-Wide Drive against GST Evaders and Fake Bills

According to Economic Survey 2021-22, which of the above mentioned are the reasons for increase in GST Collection?

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

15. Consider the following statements about the Passage of the Money Bill:

1. The President must sign the Money Bill when it is presented to her/him after its passage from the Parliament.
2. The certification of a bill as Money Bill by Presiding officer of the Lok Sabha is final and no Court of Law can question his/her judgment.
3. With respect to Money bill, the Rajya Sabha can maximum delay the bill for 14 days.
4. There is no Constitutional provision for

the joint sitting of the Parliament with respect to the Money Bill

Which of statements given above is/are correct?

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

16. Consider the following statements regarding Kesavananda Bharati case:

1. The case was challenged under Article 26, concerning the right to manage religiously owned property without government interference.
2. The court held that the 24th Constitutional Amendment was unconstitutional and invalid.
3. It is the Judiciary that is responsible to decide with the help of parliament and state assemblies.

Which of the above statements is/are incorrect?

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

17. Which of the following statements is/are incorrect regarding Policy rates in India?

1. Repo rate is the rate at which the central bank of India lends money to commercial banks in the event of any shortfall of funds.
2. The marginal cost of funds-based lending rate (MCLR) is the minimum rate set by the RBI below which banks are not allowed to lend to their customers.
3. The base rate is the minimum interest rate that a bank can lend at and is determined internally by the bank.

Choose the correct option using the codes given below:

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

18. Which of the following statements regarding 'Sugarcane in India' are correct?

1. Fair and Remunerative Price (FRP) for

sugarcane is announced by the Central Government based on the binding recommendations of the Commission for Agricultural Costs and Prices (CACP)

- Ethanol is mainly produced from molasses which is a by-product of the sugar industry.
- Ethanol Blended Petrol (EBP) Programme allows Oil Marketing Companies to sell petrol blended with ethanol up to 10%.

Choose the correct option using the codes given below:

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

19. Consider the following statements regarding Laterization:

- It refers to a cemented horizon in soils, which when dried, becomes very hard.
- It occurs in the hot, rainy tropics where chemical weathering proceeds at a rapid rate.
- Soils subject to laterization are rich in organic matter.

Which of the statements given above is/are correct?

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

20. Consider the following statements regarding Biodiversity:

- Biodiversity is the variability between the species, within the species, and between the ecosystem.
- Beta diversity is used to compare the number of species in different communities.
- Gamma diversity applies to large geographic scale

Which of the above statements is/are correct?

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

21. Consider the following statements about Nayakas in the medieval India:

- Nayakas were military commanders under Delhi sultanate.
- They had to maintain a fixed number of foot soldiers, horses and elephants for the service of the state
- The Nayakaship was hereditary.

Which of the above given statements is/are correct?

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

22. Consider the following statements regarding Indus valley civilization:

- Rice was the most integral part of food habits of the society.
- Due to the urban base of this civilization, there is a lack of dairy products and animal husbandry.
- Most Harappan sites are located in semiarid lands.

Which of the above statements are incorrect?

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

23. Consider the following statements regarding Temperate Cyclones:

- The origin and development of temperate cyclone is explained by the Norwegian model.
- The temperate cyclones occur mostly in summer, early autumn and spring.

Which of the above statement/s is/are correct?

- 1 only
- 2 only
- Both 1 and 2
- Neither 1 nor 2

24. Which of the following is incorrect about retreating monsoon?

- The retreating monsoon season is experienced between June and September.
- The Southeastern coast receives a lot of rainfall during the retreating monsoon

season.

3. Temperature rise during this season.
Select the correct option using the code given below:
- (a) 3 only
 - (b) 1 and 2 only
 - (c) 2 and 3 only
 - (d) 1 only

25. Consider the following statements about 'Winter Diesel':
- 1. It is a special fuel specifically developed for high altitude regions and low temperature regions such as Ladakh, where ordinary diesel can become unusable.
 - 2. The regular diesel becomes less viscous due to presence of paraffin wax at low temperatures and hinders the flow of the fuel in the car engine.
 - 3. Winter diesel was introduced as a technological solution by the Indian Oil Corporation in 2019.

Which of the above statements is/are incorrect?

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

26. Which of the following statements regarding "Ebola disease" is/are correct?
- 1. It is a deadly disease caused by a virus.
 - 2. It is an airborne disease.
 - 3. It gets its name from the Ebola River which is a tributary of the Niger River.

Select the correct option using the codes given below:

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

27. Which among the following is the first Black woman to appear on the coin of the USA?
- (a) Ayan Rand
 - (b) Martha Washington
 - (c) Billie Jean King
 - (d) Maya Angelou

28. With reference to the Indian economy, cost push inflation can be caused/increased by which of the following?
- 1. Dependence on crude-oil import
 - 2. Increase in prices of inputs like labour and raw material
 - 3. Increases in government spending
 - 4. Supply disruptions
 - 5. Increased printing of money
- Select the correct answer using the code given below:
- (a) 1, 2 and 5 only
 - (b) 1, 2 and 4 only
 - (c) 2, 4 and 5 only
 - (d) 1, 4 and 5 only

29. Consider the following statements regarding 6th Schedule:
- 1. The 6th Schedule was formulated to provide limited autonomy to the tribal regions of North-East by the recommendation of Bordoloi Committee
 - 2. The autonomous district councils under this schedule are empowered with civil and judicial powers.
 - 3. Recently, Arunachal Pradesh which was till now a part of the Fifth Schedule has demanded inclusion in the Sixth Schedule.
- Which of the above statements is/are correct?

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

30. Consider the following statements:
- 1. The Government of India Act 1858 introduced the system of open competition as the basis for recruitment of civil servants.
 - 2. East India Company's total trade monopoly came to an end by the Charter Act of 1813.
 - 3. Dyarchy was introduced in provinces by the Government of India Act, 1919.
 - 4. The Government of India Act, 1858 introduced the office of Secretary of State for India.

- Which of the statements above is/are correct?
- (a) 1, 2 and 3 only
 - (b) 3 only

- (c) 2 and 4 only
- (d) 3 and 4 only

31. Which of the following situations can “never” occur during the period of rising inflation in an economy?

1. Purchasing power of money decreases
2. Money Lending institutions lower their interest rates
3. Volume of Export decreases
4. People tend to invest their money rather than holding it.

Select the correct option using the codes given below:

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

32. Which of the following are the instruments of Fiscal Policy?

1. Open Market Operation
2. Taxation
3. Public Borrowing
4. Public Expenditure

Select the correct option using the codes given below:

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

33. Consider the following statements about Nilgiris Elephant Corridor:

1. It is situated in the ecologically fragile Sigur plateau.
2. It has the Nilgiri Hills on its southwestern side and the Moyar River Valley on its north-eastern side.

Which of the above is/are correct?

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

34. Which of the following are the vital functions of environment?

1. It supplies resources
2. It assimilates waste
3. It sustains life by providing genetic and

bio diversity

4. It also provides aesthetic services like scenery

Choose the Correct code from the options given below:

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

35. Which of the following was/were the causes of Sepoy Mutinies before 1857?

1. Refusal of the government to pay foreign service allowance while fighting in remote regions
2. Religious objections to Lord Canning’s General Service Enlistment Act which ordered the replacement of the turban by a leather cockade.

Select the correct answer using the codes given below:

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

36. Consider the following events:

1. Nehru report
2. Second round table conference
3. Poona pact
4. Dandi March
5. Simon Commission set up

Arrange the events given above in the correct chronological sequence.

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

37. Consider the following statements,

1. India is the largest exporter of mica in the world.
2. Mica is a very good conductor that has a wide range of applications in the electrical and electronics 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

38. Consider the following statements regarding El Nino:

- 1. El Nino is a climate pattern that describes the unusual warming of surface waters in the eastern tropical Pacific Ocean.
- 2. El Niño is a regular cycle, or predictable in the sense that ocean tides are.
- 3. El Nino brings rain to Central America, it brings droughts to Indonesia and Australia.

Which of the above statements is/are correct?

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

39. Which of the following statements regarding "Corticosteroids" is/are correct?

- 1. These are a class of drugs that lowers the inflammation in the body.
- 2. Dexamethasone is a type of Corticosteroid that reduces the activity of the immune system of the body.
- 3. India had banned the use of corticosteroid therapy on Covid-19 patients.

Select the correct option using the codes given below:

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

40. Which of the following factors can lead to emergence of zoonotic diseases?

- 1. Intensive farming
- 2. Travel and transportation
- 3. Unsustainable utilization of natural resources
- 4. Increased demand for animal protein

Select the correct answer using the code given below:

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

41. Consider the following statements about Vande Bharat Trains:

- 1. These trains do not need any locomotive to pull themselves.
- 2. Indian railways currently runs only two such trains on the Delhi-Varanasi and Delhi-Katra routes.
- 3. The first two Vande Bharats were manufactured at Integral Coach Factory, Chennai.

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

42. Which of the following biodiversity park has been announced as India's first Other Effective Area – based Conservation Measures site (OECM) by IUCN?

- (a) Aravalli Biodiversity Park
- (b) Yamuna Biodiversity Park
- (c) Vanaparvam Biodiversity Park
- (d) Tilpath Valley Biodiversity Park

43. Which of the following statements regarding the Writs are correct?

- 1. Writs in Indian Constitution are borrowed from English Law.
- 2. Only President can empower any other court, apart from Supreme Court and High Courts, to issue writs.
- 3. Writ of Mandamus and Writ of Prohibition cannot be issued against a private individual.

Select the correct option using the codes given below:

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

44. Consider the following statements:

- 1. Article 2 is about the admission or establishment of new states that are not part of the Union of India.
- 2. Article 3 deals with the internal readjustment of the territories of the Union

of India.

3. Settlement of any boundary dispute between India and another country does not require a constitutional amendment.

Select the incorrect statement using the code given below:

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

45. Consider the following statements regarding Fiat Money:

- 1. It does not have an intrinsic value.
- 2. If printing of fiat money increases, it may cause hyperinflation in an 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

46. The International Monetary Fund (IMF) is a quota-based institution. In the context of IMF quota system consider the following statements:

- 1. A member's own quota cannot be changed without its consent.
- 2. Quotas determine the maximum amount of financial resources a member is obliged to provide to the IMF.
- 3. It also determines a member's share in a general allocation of Special Drawing Rights.

Which of the above statements are correct?

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

47. Which of the following statement(s) regarding pollution and its mitigation is/ are correct?

- 1. According to the standards set by the Ministry of Environment and Forests the Biochemical Oxygen Demand (BOD) of treated effluents should not exceed 30 mg/ml (during 3 days, at 27°C).
- 2. In Biomagnification, highly unstable

and reactive pollutants are found in increasing concentration as we go up in trophic levels.

3. In India, Air Quality Index (AQI) is reported by CPCB using the levels of Benzopyrenes, Benzene, and Ammonia in the ambient air.

Select the correct answer using the codes given below:

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

48. Which of the following statements(s) is/ are correct regarding global warming and international efforts for its mitigation?

- 1. Conference of the Parties 26 (COP26) is the meeting of the parties that are signatory to the United Nations Framework Convention on Climate Change (UNFCCC).
- 2. Paris agreement was agreed up at COP22.
- 3. The main focus of the COP26 was on climate change and reducing carbon emission to restrict average global temperature rise to 2°C at the end of this century which was agreed by the CoP- 21.

Select the correct answer using the following code:

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

49. Consider the following statements:

- 1. The lure of the forest resources of Burma
 - 2. The market for British manufactures in Burma
 - 3. Need to check French ambitions in Burma and the rest of South-East Asia
- Which of the above resulted in three Anglo - Burmese Wars?

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

50. Which of the following are the reasons for the decline of the Mughal Empire in India?

- 1. Weak Successors

2. Power usurping Nobility
3. Foreign invasions
4. Lack of Strong finances

Select the correct option using the codes given below:

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

51. Which of the following is/are correct regarding the Pressure Belts on Earth?

1. Equatorial Low-Pressure Belts is a low pressure belt extending from 0 to 10° North and South of the Equator.
2. The winds from the subtropical region blow towards the Equator as Trade winds and another wind blow towards Sub-Polar High-Pressure as Westerlies.
3. The Circum-Polar Low-Pressure Belts region is marked by violent storms in winter.
4. On the earth's surface, there are seven pressure belts.

Select the correct option using the codes given below:

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

52. Which of the following is/are correct?

1. Crops such as ragi, bajra, moong, gram and guar are grown through dryland farming.
2. The yield of the crops in the country is high post green revolution in comparison to the international level.

Select the correct option using the code given below:

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

53. Cryptocurrencies cannot replace traditional currencies due to several issues associated with them. In this context, consider the following statements:

1. They are subject to market fluctuations.
2. Their centralized nature makes them

difficult to regulate.

3. Irreversible nature of transactions leaves consumer vulnerable to ponzi schemes.
4. Unfavorable for country's energy resources.

Which of the above statements is/are correct?

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

54. Which of the following statements is correct about Lab grown meat?

1. Switzerland became the first country to approve the use and sale of lab grown meat.
2. It is a plant protein-based meat.
3. It may help reduce the zoonotic diseases.
4. It may help reduce in greenhouse gas methane.

Select the correct option using the codes given below:

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

55. Telineelapuram, an Important Bird Area (IBA) where recently high death rate of Spot-Billed Pelican was reported, is situated in?

- (a) Andhra Pradesh
- (b) Tamil Nadu
- (c) Kerala
- (d) Odisha

56. Recently, Benjamin List and David W.C. MacMillan has been given Nobel Prize in Chemistry for the development of asymmetric organocatalysis. Regarding this, consider the following statements:

1. Organocatalysts are large organic molecules, needed to catalyse biochemical reactions.
2. These catalysts are both environmentally friendly and cheap to produce.
3. These chiral catalysts speed up the formation of a particular type of enantiomer, to be helped in producing pharmaceuticals.

Which of the above statements is/are correct?

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

57. Consider the following statements regarding Uniform Civil Code (UCC):

1. During constituent assembly debate Dr B.R. Ambedkar supported the State's ability to intervene in the personal laws of distinct communities.
2. At present Sikh weddings are governed through Hindu marriage act of 1955.
3. In Narasu Appa Mali case, the court held that personal laws do not fall within the definition of "law" as defined in Article 13(3).

Which of the above statements are correct?

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

58. Which of the following are the primary functions of the National Commission on Schedule Tribes (NCSTs)?

1. To investigate & Monitor matters relating to Safeguards provided for STs under the Constitution or under other laws or under Govt. Order, to evaluate the working of such Safeguards.
2. To inquire into specific complaints relating to Rights & Safeguards of STs;
3. To participate and advise in the Planning Process relating to Socio-economic development of STs, and to evaluate the progress of their development under the Union and any State;
4. To submit report to the President annually and at such other times as the Commission may deem fit, upon/ working of Safeguards,

Select the correct answer using the codes given below:

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

59. Debt Receipts are important source of financing Fiscal Deficit. Which of the following constitutes Debt Receipts?

1. G-Sec and T Bills
2. Securities against small savings
3. State Provident Funds
4. Recovery of loans

Select the correct answer using the codes given below:

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

60. Consider the following statements regarding Capital and Current account Convertibility in India:

1. Current account convertibility refers to the freedom to convert your rupees into other internationally accepted currencies and vice versa without any restrictions whenever you make payments, while Capital account convertibility means the freedom to conduct investment transactions without any constraints.
2. By implementing recommendations of Tarapore committee, India is allowing full capital and current account convertibility.

Which of the above statements is/are correct?

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

61. Which of the following is/are correct regarding the photochemical processes related to climate change?

1. Brown-haze formed over the cities containing the mixtures of ozone, nitric acid, aldehydes, peroxyacyl nitrates (PANs), are result of photochemical splitting of NOX in the presence of UV rays.
2. Both, formation and degradation of ozone in the stratosphere are due to photochemical process that requires UV radiation from the sun.

Select the correct answer using the following code:

- (a) 1 only
- (b) 2 only

- (c) Both 1 and 2
- (d) Neither 1 nor 2

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

62. Consider the following pairs:

Ramsar Site	–	River
1. Nandur Madhmeshwar	–	Godavari
2. Ropar Wetland	–	Beas
3. Hokersar Wetland	–	Jhelum

Which of the above pairs are correctly matched?

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

63. Consider the following statements:

1. Hauz-i-Khas or Hauz-i-ilahi was built during the reign of Jalal-ud-din Firuz Khalji.
2. Alai Darwaza, the southern gateway of the Quwwat-ul-Islam Mosque, was built by Qutb-ud-din Aibak.
3. Jamaat Khana Masjid is the largest structure in the Nizam-ud-Din Auliya Shrine Complex built by Alauddin Khilji.

Which of the statements given above is/are incorrect?

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

64. 'Tuhfat-ul-Muwahhidin' is a short treatise which discards any belief that is "remote from reason and repugnant to experience". Who among the following is associated with 'Tuhfat-ul-Muwahhidin'?

- (a) Raja Rammohan Roy
- (b) Sir Syed Ahmed Khan
- (c) Mirza Ghulam Ahmad
- (d) Tarachand Chakraborty

65. Which of the following volcanoes of the world is/are located in the 'Pacific-Ring of Fire'?

1. Mount Semeru
2. Mount Pinatubo
3. Mount Ruiz
4. Vesuvius volcano

Select the correct option using the codes given below:

- (a) 1 and 3 only

66. Which of the following statement is/are 'Cold Ocean Currents'?

1. Alaska Current
2. Canaries Current
3. Labrador Current
4. Falkland Current

Select the correct option using the codes given below:

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

67. Monkeypox Virus was in news recently. In light of this consider the following statements:

1. It is a rare viral zoonosis which is similar to small pox but is less severe than it.
2. No human to human transmission is possible for this virus.
3. The virus is endemic to Democratic Republic of Congo.

Which of the above statements is/are correct?

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

68. With reference to Neutron stars, consider the following statements:

1. These are formed when a collapsing star has a mass between about 1 and 3 solar masses.
2. Black holes are formed when a collapsing star has a mass higher than 3 solar masses.
3. Many neutron stars are likely undetectable because they simply do not emit enough radiation.

Which of the above statements is/are correct?

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

69. Consider the following statements regarding Government of National Capital Territory of Delhi (Amendment) Bill, 2021:

1. The Bill prohibits the Legislative Assembly from making any rule to enable itself to consider the matters of day-to-day administration of the NCT of Delhi.
2. If a Bill is passed relating to official languages of the Assembly or the NCT of Delhi, the bill requires the Lieutenant Governor to reserve it for the consideration of the President.

Which of the above statement(s) is/are correct?

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

70. The term Gynandromorphism has been in news recently. Consider the following statements regarding the same:

1. Gynandromorphism is a characteristic of an organism that contains both male and female tissues and characteristics.
2. The phenomenon is very rare in Crustacea, Odonates and Arachnida.
3. Gynandromorphs are usually born due genetic aberration.

Which of the above statement/s is/are correct?

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

71. A higher court issues an order to a lower court to transfer the pending case in the lower court to the higher court, as the case is out of the jurisdiction of the lower court. Which of the following writ did the higher court use in this case?

- (a) Mandamus
- (b) Prohibition
- (c) Certiorari
- (d) Quo Warranto

72. Which of the following most accurately defines the meaning of 'Equality' stated in the Preamble of the Indian Constitution?

- (a) Absence of special privileges to any

section of society

- (b) Ensuring justice delivery is unbiased
- (c) Ensuring all religions are treated equally
- (d) Providing opportunities for development of individual personalities

73. Consider the following statements:

1. Capital Adequacy Ratio (CAR) is the amount that banks have to maintain in the form of their funds to offset any loss that banks incur if the account-holders fail to repay dues.
2. CAR is decided by each scheduled commercial bank.

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

74. With reference to the price elasticity, consider the following statements:

1. If the quantity demanded of a good changes greatly in response to changes in its price, then the good is inelastic.
2. The demand for goods or services with many substitutes is highly price elastic.
3. Compared to essential goods, luxury items are highly elastic.

Which of the statements given above is/are correct?

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

75. Consider the following:

1. Nutrient recycling
2. Providing medicinal herbs
3. Prevent soil erosion
4. Decomposition

Which of the above are the examples of regulating services provided by the ecosystem?

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

76. With reference to the Biological Diversity Act, 2002, consider the following statements:

1. The Act outrightly prohibits the claim to Intellectual Property Rights on inventions based on biological resources obtained from India.
2. The act exempts traditional uses of Indian biological resources and associated knowledge and when they are used in collaborative research projects between Indian and foreign institutions.

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

77. Which of the following was/were the reason(s) for the British conquest of Sindh?

1. Anglo-Russian rivalry in Europe and Asia
2. Commercial possibilities of the River Sindh
3. Sindh not accepting subsidiary alliance

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

78. "He was deeply influenced by Marxist ideology but he rejected the ultimate solution of "revolution" to bring down capitalism as being advocated by the Marxists and instead advocated Socialism. He joined INC in 1929 and played a key role in the formation of the Congress Socialist Party (1934), a leftwing group within the Congress Party. After independence, he left the INC and initiated an anti-Congress Campaign".

Which among the following personalities is described above?

- (a) Acharya Narendra Dev
- (b) Jivatram Kripalani
- (c) Jayaprakash Narayan
- (d) N. G. Ranga

79. Consider the following statements regarding Rocks

1. Gabbro is an example of Metamorphic

rocks.

2. In sedimentary rocks, the layers of deposits lost their characteristics after lithification.
3. Process of banding is related to igneous rocks

Which of the above statements is/are incorrect?

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

80. Consider the following statements regarding population and census

1. Better nutrition leads to 'population explosion'.
2. Dependency ratio represents older people in a population but not children.
3. Since 1981 the average annual growth rate of population has decreased.

Which of the above statements is/are correct?

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

81. Consider the following statements regarding FASTag that was in news recently:

1. It is a device that employs Laser Frequency Identification Technology (LFID).
2. It is a technology for toll payments from the prepaid accounts.

Which of the above statements is/are correct?

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

82. The Thirteenth Meeting of the Conference of the Parties to the Convention on the Conservation of Migratory Species of Wild Animals (CMS COP13) was hosted by India. Which of the following specie(s) is/ are added to appendix 1 in CMS COP13?

1. Asian Elephant
2. Jaguar
3. Great Indian Bustard
4. Bengal Florican
5. Little Bustard

Select the correct answer using the codes given

below:

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

83. Consider the following statements:

1. In Shanti Bhushan v/s Supreme Court of India case, the apex court held that function of allocating cases and assigning benches should be done by collegium of five senior most judges.
2. In Subhas Chandra Agrawal v/s CPIO, the Supreme Court held that office of Chief Justice of India comes under definition of public authority in the RTI act.

Which of the statement(s) 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 is/are potential reasons for a Current Account Surplus under Balance of Payments?

1. Decline in imports
2. Increase in royalties from patents and copyrights
3. High foreign direct investments

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

85. Consider the following statements,

1. It grows best when temperatures are warm, from 21° to 24° C, but not too hot.
2. Areas with low humidity are better since many diseases thrive in damp weather.
3. In North India it is usually grown in the Rabi season.

Which of the following crops is being described in the above statements?

- (a) Cotton
- (b) Rice
- (c) Wheat
- (d) Maize

86. Which of the following were the achievements of Swarajists?

1. Defeat of Public Safety Bill
2. Exposing hollowness of Montford reforms
3. Supporting peasants' cause in Bengal

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

87. Which of the following proposals were made by the Simon Commission?

1. Abolition of dyarchy and the establishment of representative government in the provinces.
2. Discretionary powers to governors in relation to internal security.
3. Parliamentary responsibility at the centre
4. Indianisation of army and withdrawal of British forces.

Select the correct answer using the code given below:

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

88. Which of the following are the features of zero-budget natural farming?

1. Intensive Irrigation and deep ploughing
2. Inter-cropping
3. Soil aeration and mulching
4. Drastic reduction in production costs

Select the correct answer using the code given below:

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

89. Which of the following statements is/are correct about India's first Geo Imaging Satellite (GISAT-1)?

1. It was launched on August 12, 2021, from the Satish Dhawan Space Centre at Sriharikota.
2. It was lifted by Geosynchronous Satellite Launch Vehicle-F10 (GSLV-F10) carrying a

payload that had multispectral and hyperspectral sensors.

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

90. Which of the following are the advantages of solid-state battery technology over the conventional lithium-ion batteries?

- 1. Higher cell energy density
- 2. Lower charge time
- 3. More charging cycles
- 4. Higher capacity

Select the correct answer using the code given below:

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

91. Consider the following statements:

- 1. Right to property as a fundamental right was abolished by 42nd amendment act.
- 2. Article 31A saves the acts and regulations included in IX schedule from being invalidated on ground of contravention of any of the fundamental rights.

Which of the above statements are correct?

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

92. Which of the following statement(s) is/are correct regarding the constitutional position of Hindi language?

- 1. Hindi written in Devnagari script is to be the official language of the Union.
- 2. The form of numerals in the Devnagari script is to be used for the official purposes of the Union shall be the international form of Indian numerals.
- 3. It was decided at the enactment of the constitution that for a period of fifteen years, English language would continue to be used for all the official purposes.

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

93. Consider the following statements regarding Tropical Wet Deciduous Forests:

- 1. Mean annual temperature of these forests are 27°C.
- 2. The trees shed their leaves during the autumn.
- 3. Rosewood and Laurel can be found in these forests.

Which of the above statements are correct?

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

94. Consider the following statements about Biochemical Oxygen Demand (BOD) and Chemical Oxygen Demand (COD):

- 1. COD is the oxygen demand that is consumed by both inorganic and organic matter present in the wastewater sample.
- 2. If BOD/COD ratio is higher, it means it has higher food and less toxicity.

Which of the above statements is/are correct?

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

95. Who among the following founded the Rehnumai Mazdayasan Sabha?

- 1. Dadabhai Naoroji
- 2. Pherozshah Mehta
- 3. Naoroji Furdonji

Select the correct answer using the code below:

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

96. Which of the following are common features between Jainism and Buddhism?
1. Practice of extreme penance and austerity
 2. Non-violence
 3. Belief in varna system
 4. Belief in right action

Select the correct answer using the code below:

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

97. Which of the following statements regarding 'Ishwar Chandra Vidyasagar' is/are correct?

1. He cited Vedic texts to prove the sanctioning of widow remarriage in the Hindu religion.
2. He was against child marriage and polygamy.
3. Bartaman Bharat' is a Bengali language essay written by him regarding India's history.

Choose the correct option using the codes given below:

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

98. Ukraine geographically shares its borders with which of the following countries?

1. Moldova
2. Slovakia
3. Romania
4. Belarus
5. Hungary

Select the correct answer using the code given below:

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

99. Consider the following:

1. Surface runoff
2. Deforestation
3. Wind Erosion

Which of the above is/are possible causes of desertification?

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

100. With reference to Indian freedom struggle, which among the following event was referred to as committing a 'Himalayan Blunder' by Mahatma Gandhi?

- (a) Anti-Rowlatt Satyagraha
- (b) Non-cooperation Movement
- (c) Suspending Civil Disobedience Movement
- (d) Signing Gandhi-Irwin Pact