



All India Civil Services Coaching Centre

(Under the aegis of Government of Tamil Nadu)

TEST BOOKLET

Test 10 – 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 10 – GS Paper I

Time Allowed: 2 Hours

Maximum Marks: 200

- With reference to Geological Time Scale, which of the following statement is/are correct?
 - First fish appeared during Cambrian period.
 - Extinction of Dinosaur's happened in Jurassic period.
 - Holocene defined a time when humans colonised new territories and the population swelled.Select the correct answer using the code given below:
 - 1 and 2 only
 - 1 only
 - 1 and 3 only
 - 3 only
- Consider the following statements:
 - The length of the day is one of the factors that causes the variations in insolation.
 - The transfer of heat through horizontal movement of air is called convection while that through vertical movement of air is called advection.
 - The Earth receives short waves and radiates long waves of sunlight.
 - Maximum insolation is received over the equator.Which of the above statements is/are incorrect?
 - 2 only
 - 2 and 4 only
 - 1 and 3 only
 - 1, 2 and 4 only
- Consider the following statements regarding Central Issue Price (CIP) in India:
 - It is the price at which central government issues food grains to state governments and UTs.
 - It is more than the economic cost of food grains incurred by the Central Government.Which of the statements given above is/are correct?
 - 1 only
 - 2 only
 - Both 1 and 2
 - Neither 1 nor 2
- Which of the following is/are correct with reference to the National Mineral Policy 2019?
 - It pertains to all major and minor minerals, including coal-based and other fuel-based minerals.
 - It introduces the concept of Exclusive Mining Zones which come with in-principle statutory clearances for grant of mining lease.
 - It provides for the right of first refusal to the Prospecting Licence holders at the time of auction.Select the correct answer using the code given below:
 - 1 only
 - 1 and 2 only
 - 2 and 3 only
 - 1, 2 and 3
- Consider the following statements regarding the state of Indian agriculture in sixth century BC:
 - In parts of the Ganga valley, the introduction of the transplantation technique added to the increase in paddy production.
 - The use of iron-tipped ploughshare led to a growth in agricultural productivity in the entire subcontinent.

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

6. With reference to the differences between the Vedic age and the Mahajanpada period, which of the following statements is/are correct?

1. In Vedic times, exchange was conducted through barter, whereas coins made of metal were used in the Mahajanpada period.
2. In the Mahajanpada period, voluntary payment was made by the peasants to the king, whereas there is no evidence of this type of collection in Vedic age.

Select the correct answer using the code given below.

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

7. On a particular day 300 members are present in Lok Sabha at the time of voting. In this scenario, an amendment bill, under Article 368 of the constitution

- (a) can be passed with the support of only 150 members.
- (b) cannot be passed without support of at least 273 members.
- (c) can be passed with a support from minimum 200 members.
- (d) cannot be passed with the given strength of members present for voting.

8. Which of the following directive principles cannot be challenged for violating the right to equality under Article 14?

1. Equitable distribution of the community material resources.
2. Equal pay for equal work for men and women.
3. Preventing the concentration of wealth.

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

9. With reference to Permanent Lok Adalat, consider the following statements:

1. These are permanent bodies with a chairman and two members.
2. Only cases where the value of the dispute is more than ten lakhs are decided by the Permanent Lok Adalat.
3. Award of the Permanent Lok Adalat is final and binding upon the parties.

Which of the statement given above is/are correct?

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

10. A Proton Therapy Centre was recently set up in India. Consider the following statements in this regard:

1. It is Asia's first centre to offer proton therapy with high precision.
2. Proton therapy unlike x-ray radiation results in minimal damage to the surrounding healthy tissues.
3. Proton Therapy is effective against all types of cancer.

Which of the above statements is/are correct?

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

11. With reference to ecological niche, consider the following statements:

1. It does not include interaction with abiotic factors.
2. Species are more successful when they have an unique niche.
3. It includes the function of reproduction of 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

12. Which of the following best describes 'phenotypic plasticity'?
- It is the ability of an organism to change in response to environmental stimuli without altering its genes.
 - It is the ability of an organism to exist as a genetically distinct geographic variety, population or race within a species.
 - It is the modification in the genetic pool of a species in response to an external stimulus.
 - It is the permanent alteration in the DNA sequence of a species which is inherited by future generations.
13. Which of the following statements regarding Aatmanirbhar Bharat ARISE-ANIC Initiative is/are correct?
- It is a national initiative to promote research & innovation and increase competitiveness of Indian startups and MSMEs.
 - It will provide funding support to deserving applied research-based innovations.
 - It will be driven by Indian Space Research Organization (ISRO).
- Select the correct answer using the codes given below:
- 1 only
 - 1 and 2 only
 - 3 only
 - 1, 2 and 3
14. Consider the following statements regarding Climate Smart Cities Assessment Framework (CSCAF) 2.0:
- It aims to support cities to develop unified vision of streets in consultation with stakeholders.
 - It will be implemented by National Institute of Urban Affairs (NIUA).
 - It has been launched under the Smart Cities Mission.
- Which of the above statements is/are correct?
- 1 only
 - 1 and 2 only
 - 2 and 3 only
 - 1, 2 and 3
15. Consider the following statements regarding Article 32 of the Indian Constitution:
- The rights guaranteed under Article 32 are absolute and shall not be suspended.
 - Article 32 gives Supreme Court the power of Judicial review.
- Which of the above statements is/are correct?
- 1 only
 - 2 only
 - Both 1 and 2
 - Neither 1 nor 2
16. Which of the following statements is/are correct regarding Deputy Chief Minister (CM)?
- The office of the Deputy Chief Minister is neither constitutional nor statutory.
 - He is appointed by the Chief Minister of the state.
- Select the correct answer using the code given below.
- 1 only
 - 2 only
 - Both 1 and 2
 - Neither 1 nor 2
17. Consider the following pairs:
- | Cabinet Committee | Currently Chaired by |
|--|-----------------------------|
| 1. Cabinet Committee : Minister of Home on Political Affairs | Affairs |
| 2. Cabinet Committee : Minister of Defence on Security | |
| 3. Cabinet Committee : Prime Minister on Accommodation | |
- Which of the pairs given above is/are correctly matched?
- 1 only
 - 2 and 3 only
 - 1 and 2 only
 - None
18. Consider the following statements regarding Global Tiger Initiative (GTI).
- Global Tiger Initiative (GTI) is a global alliance of governments, international organizations and civil society with the aim of working together to save wild tigers from extinction.
 - The scope of GTI includes only tigers.
 - Global Environment Facility is one of the founding partners of GTI.

Select the correct option using the codes given below:

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

19. Which of the following text deals with a love story in which a dignitary Kovalan prefers a courtesan Madhavi of Kaveripattanam to his noble wedded wife Kannagi?

- (a) Tolkkappiyam
- (b) Silappadikaram
- (c) Tirukkural
- (d) Manimekalai

20. According to ancient treatises, dance has three aspects of natya, nritya and nritta. In this context consider the following statements:

- 1. Natya represents dramatic representation or drama with speech, music and dancing.
- 2. Nritya is pure dance where body movements do not express any mood.
- 3. Nritta corresponds to the mime performed to the song.

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

21. Which of the following statements are correct regarding Shanghai Cooperation Organisation (SCO)?

- 1. Response and Assistance Network (RANET) is one of the initiatives of SCO.
- 2. Maintaining peacekeeping forces in member nations on the request of an individual member country is one of the goals of SCO.
- 3. Mongolia is one of the member countries of SCO.

Select the correct option using the codes given below:

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

22. Consider the following statements regarding Meteor shower.

- 1. A series of meteorites, when encountered at once, is termed a meteor shower.
- 2. Meteor showers are witnessed when Earth passes through the trail of debris left behind by a comet or an asteroid.
- 3. The source of meteor shower is always a comet.
- 4. According to NASA, around 1000 meteor showers occur annually

Select the correct option using the codes given below:

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

23. Consider the following statements with reference to the river Godavari:

- 1. River Godavari rises from the Nasik district in Maharashtra.
- 2. The drainage basin of Godavari is spread across more than five states.
- 3. Polavaram multi-purpose irrigation project is being built on this river.

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

24. Consider the following landforms:

- 1. Caldera
- 2. Laccoliths
- 3. Dykes
- 4. Cinder cone

Which of the landforms given above is/ are extrusive landforms?

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

25. Consider the following statements regarding Agricultural Marketing in India:

- 1. According to the provisions of the APMC Acts of the states, every APMC (Agricultural Produce Marketing

Committee) is authorised to collect market fees from the buyers/traders in the prescribed manner on the sale of notified agricultural produce.

2. APMCs allow farmers and private persons to setup their own markets.

Which of the above statements is/are correct?

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

26. Which of the following are considered as 'indirect farm subsidies' extended by the government?

1. Seeds and pesticides subsidies
2. Investment in agricultural research
3. Farm loan waivers
4. Fertilizer subsidies.

Select the correct option using the codes given below:

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

27. Which of the following is/are the regulatory services of ecosystem?

1. Water purification
2. Natural hazard mitigation
3. Primary production
4. Pollination

Select the correct answer using the code given below.

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

28. Aflatoxin M1 was recently in news in relation to

- (a) contamination of processed milk samples
- (b) preservation of processed foods
- (c) usage in mosquito repellents
- (d) artificial ripening of fruits

29. Recently, CERN approved the Forward Search Experiment (FASER) to look for light and weakly interacting particles at the Large

Hadron Collider. The FASER has the potential to:

1. Discover dark photons
2. Discover dark higgs bosons
3. Discover neutral neutrons
4. Provide information about neutrinos

Select the correct answer using the code given below:

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

30. With reference to Scramjet vehicle, consider the following statements:

1. These are a variant of a category of jet engines called the air breathing engines.
2. They can help in achieving hypersonic speeds.
3. They offer the advantage of high thrust-to-weight ratio.

Which of the above statements is/are correct?

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

31. Which of the following statements regarding Assam Rifles are correct?

1. It is the oldest paramilitary force of India.
2. It is tasked with the maintenance of law and order in the North East and also guards the Indo-Myanmar border.
3. It is the only paramilitary force with a dual control structure.

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

32. Consider the following statements about the "Electronically Transmitted postal Ballot System":

1. ETPBS is a flagship programme of Election Commission of India (ECI) developed with the help of Centre for Development of Advanced Computing (C-DAC).

2. Voting through ETPBS is available for Service Voters and Non-residential Indians (NRIs).

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

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

33. Consider the following statements about the group of chemicals "Cannabinoids" and Cannabis Plant:

1. Natural cannabinoids are obtained from the roots of the plant Cannabis sativa.
2. Recently, United Nations Commission on Narcotic Drugs (CND) voted to remove cannabis and cannabis resin from Schedule IV of the 1961 Single Convention on Narcotic Drugs.
3. India voted against the removal because under India's Narcotic Drugs and Psychotropic Substances (NDPS) Act 1985, the production, manufacture, possession, sale, purchase, transport, and use of cannabis is a punishable offence.

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

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

34. In the post-Mauryan period, a series of invasions began by the Greeks into India due to which of the following reasons?

1. The weakening of the Seleucid empire.
2. Construction of the great wall of China.
3. The advance of the Scythian tribes.

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

35. Consider the following statements regarding "Double Planet" or "Conjunction":

1. It is rare celestial event when two planets visually appear close to each other from Earth
2. Great conjunction is special conjunction when two Jovian planets Jupiter and Saturn come close to each other.

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

36. "It is one of the major oilseeds predominantly grown in the northern belt of India but can also be grown in a wide range of agro-climatic conditions. It is a rabi crop. The oil content in it is around 40%. It has a pungent flavour and is often used as a spice in the varied Indian cuisine"

Which of the following crops is being described above?

- (a) Flaxseed
(b) Sesame Seed
(c) Mustard
(d) Groundnut

37. Located in India, it is Asia's largest freshwater oxbow lake. It is a residual oxbow lake, formed due to meandering of Gandak river in the geological past. The government of India declared it a bird sanctuary in 1989. The lake area has shrunk rapidly in the last two decades and heavy siltation and eutrophication have been observed.

Which of the following lakes is best described in the above passage?

- (a) Kanwar Lake, Bihar
(b) Barua Sagar Tal, Uttar Pradesh
(c) Udhwa Lake Bird Sanctuary, Jharkhand
(d) Keoladeo National Park, Rajasthan

38. Consider the following statements about Countering America's Adversaries Through Sanctions Act (CAATSA):

1. It is a US federal law that imposes sanction on countries pertaining to defence deal only.
2. Under CAATSA, USA recently imposed sanction on Turkey for its purchase of

Russia's S400 Triumf missile defence system

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

39. Consider the following pairs regarding different modes of services under the WTO General Agreement on Trade in Services (GATS):

Mode of Service	Description
1. Mode 1	: Cross-border supply of services
2. Mode 2	: Cross border temporary movement of a natural person to consume services
3. Mode 3	: Cross border commercial presence of a company
4. Mode 4	: Cross border temporary movement of a natural person to provide services

Which of the pairs given above are correctly matched?

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

40. It is the lowest wage necessary to maintain a worker and his family at the minimum level of subsistence, which includes food, clothing and shelter. It is fixed by the government in consultation with business organizations and trade unions.

Which type of wage is being described in the above passage?

- (a) Fair wage
- (b) Minimum wage
- (c) Living wage
- (d) Daily wage

41. Which of the following is/are incorrectly matched?

Reports	Publisher
1. Energy Efficiency Index	IEA

- 2. Climate Change Performance Index Yale + Columbia University
- 3. World Trade Report WTO
- 4. Global Wage Report IMF

Select the correct option using the codes given below:

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

42. "Pangda village" was seen recently in news. Consider the following statements regarding it

- 1. It is a new border village built by China.
- 2. The village is located on territory disputed by China and Bhutan.

Which of the following statement is/are correct?

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

43. Which of the following is/are the characteristics of the Tropical forest biome?

- 1. The soil in tropical forests is relatively rich in nutrients than temperate forests.
- 2. Pure (homogenous) stands of a tree species are abundant in Tropical forest biome.

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

44. Consider the following passage: "It refers to the interaction in which one species benefits and the other is neither harmed nor benefited. An orchid growing on a mango branch is an example of this type of interaction"

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

- (a) Amensalism
- (b) Parasitism
- (c) Mutualism
- (d) Commensalism

45. Consider the following statements regarding GRAPES-3 Experiment:

1. The GRAPES-3 experiment located at Ooty in India.
2. For the first time in the world, GRAPES-3 muon telescope has measured only the electrical potential of a thundercloud.
3. This experiment has been started as the collaboration of TIFR Mumbai and Osaka City University, Japan.

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

46. Scientists at Indian Institute of Science have developed a material which exhibits superconductivity at room temperature. In this context, consider the following statements:

1. Superconductivity is the property of material which offers nil resistance to electric current flow.
2. Till now superconductivity was achieved in materials at higher temperatures thus making their practical utility difficult.
3. Superconductors exhibit diamagnetism i.e. they are attracted by external magnetic fields.

Which of the above statements is/are correct?

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

47. Consider the following statements regarding Singapore Convention on Mediation:

1. The Convention allows for direct enforcement of mediated settlement agreements.
2. It can be resorted to only in cases international commercial disputes.
3. India is not a party to this convention.

Which of the above statements is/are correct?

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

48. Which of the following initiatives was/were launched at the recently held Environmental Ministerial Meeting of G20?

1. Coalition for Disaster Resilient Infrastructure (CDRI)
2. Global Initiative on Reducing Land Degradation
3. Global Coral Reef R&D Accelerator Platform

Select the correct answer using the codes given below:

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

49. Consider the following statements about Farmers' Produce Trade and Commerce (Promotion and Facilitation) Act, 2020:

1. It gives farmer the freedom to engage in intra-state and inter-state trade with buyers
2. The law provides for a dispute resolution mechanism
3. According to the law, the settlement by the Conciliation Board will not be binding on the parties

Which of the above statements is/are correct?

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

50. Which of the following statements is/are correct regarding Mucormycosis Fungal Infection?

1. It can occur in almost any part of the body and is also known as black fungus
2. It can enter the skin through a cut, burn or any other type of skin injury
3. It is contagious in nature

Select the correct answer 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

51. Consider the following statements regarding the qualification of the candidates for the

election to the local government, as per part IX of the constitution:

1. A person is eligible for contesting the elections to panchayats and municipalities only after he/she has attained the age of twenty-five years.
2. Any question regarding disqualifications of members of Panchayats/municipalities is determined by the Gram Nyayalayas.

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

52. With reference to the Legislatures of Puducherry and National Capital Territory (NCT) of Delhi, which of the following statements is/are correct?

1. Setting up of legislatures of both Puducherry and NCT of Delhi are provided through parliamentary law.
2. While the NCT Assembly is limited in the extent of its legislative powers, the Puducherry legislature can frame laws on all state subjects.

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

53. Which of the following reforms were taken by king Ashoka after the Kalinga war?

1. Steps for the welfare of people in foreign lands.
2. Prohibition on the slaughter of animals in sacrifices.
3. Renunciation of policy of conquest and aggression.

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

54. Which of the following reasons led to the defeat of Rajputs by the Turks in the early medieval period?

1. Turks had superior weapons.
2. Turks had the advantage of possessing elephants.
3. Iqta and Khalisa system enabled the Turks to maintain a large standing army.

Select the correct answer using the code given below.

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

55. Which of the following statements is not correct, with reference to Ibrahim Adil Shah II (1580-1627)?

- (a) He was very kind towards poor and adopted the title of "Abla Baba".
- (b) Kitab-i-Nauras was a book composed by him.
- (c) Waman Pandit, well known Sanskrit scholar was appointed by him in his library.
- (d) He was a secular-liberal ruler who patronized to all religions.

56. Australia has been recently grappling with the hazard of bushfires. Which of the following factors play a role in the occurrence and spreading of bushfires?

1. High wind speed
2. Low relative humidity in the air
3. Lightning

Select the correct answer using the code given below.

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

57. Why do Jovian planets have thick atmosphere than the terrestrial planets?

1. Due to lesser impact of solar winds.
2. Due to the larger size of the planets.

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

58. Consider the following statements:

1. As per the Lok Sabha rules, there must be a 21-day gap between the date of summons and of the commencement of the House.
2. Governor of a state has discretionary powers in regard to the date of commencement of session of an assembly.

Which of the above statements is/are incorrect?

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

59. "Almost 40% of elephant sanctuaries are vulnerable because they are not in protected parks and reserves. Besides, there is no specific legal protection for migration corridors." With respect to this statement, which of the following state was advised by NGT to prepare the action plan for the 14 proposed elephant corridors?

- (a) Odisha
- (b) Kerala
- (c) Tamil Nadu
- (d) Maharashtra

60. Consider the following statements regarding the India's foreign exchange (forex) reserve:

1. India's forex reserves do not include gold reserves.
2. Forex reserves increase only when there is a current account surplus.

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

61. Recently there was ammonia gas leakage at the Indian Farmers Fertilizer Cooperative Limited (IFFCO) unit at Prayagraj. In this context, consider the following statements:

1. Ammonia is stored in liquid form for industrial use.
 2. Ammonia is highly soluble in water.
- Which of the above statements is/are incorrect?
- (a) 1 only
 - (b) 2 only
 - (c) Both 1 and 2
 - (d) Neither 1 nor 2

62. Which of the following statements regarding Great Indian Bustard is/are correct?

1. It is listed as Vulnerable in the IUCN Red List.
2. It is a flagship species of grassland ecosystem.
3. It is the state bird of Gujarat.

Select the correct answer using the code given below:

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

63. 3D printing can be effectively used in which of the following?

1. Education
2. Prototyping and manufacturing
3. Medicine
4. Construction
5. Art and jewellery

Select the correct answer using the code given below:

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

64. Recently an international team of astronomers has announced the finding of phosphine gas in the atmosphere of Venus. In this context, consider the following statements:

1. Phosphine is a colourless gas produced by some species of aerobic bacteria.
2. Geochemical processes like volcanic or meteorite activity is known to produce it.

Which of the above statements is/are correct?

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

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

65. Which of the following statements regarding Permanent Court of Arbitration (PCA) are correct?

- 1. It is an intergovernmental organization.
- 2. It is an agency of UNESCO.
- 3. The decision of PCA is binding on the parties, and there is no mechanism for appeal.

Select the correct answer using the code given below:

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

66. Consider the following statements regarding Parliamentary Committees:

- 1. They draw their authority from Article 105 of the Constitution.
- 2. The Chairperson of a Committee shall be appointed by the President.
- 3. The sittings of a Committee shall be held in private.

Which of the above statements is/are correct?

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

67. Consider the following statements:

- 1. Jahangir was a great painter of his times.
- 2. Portrait painting became fashionable during the reign of Jahangir.
- 3. Daswant and Basawan were famous painters in the court of Jahangir

Which of the statements given above is/are correct?

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

68. The period between 800-900 AD was a period of stagnation and even of decline in trade and commerce between India and the Western countries. Which of the following could be the possible reasons for it?

- 1. Emergence of the Roman empire and its monopoly over trade routes.
- 2. Rise of many states within India.
- 3. Religious restrictions on sea-travel in India.

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

69. As per latest findings not all Indian droughts are caused by El Nino. In this context Consider the following statements regarding impacts associated with El Nino phenomena:

- 1. Severe droughts occur in Australia, Indonesia, India and southern Africa.
- 2. Heavy rains in California, Ecuador, and the Gulf of Mexico.

Which of the above statements is/are correct?

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

70. Which of the following are the principles of Saguna Rice Technique (SRT) method of cultivation of rice that evolved in Maharashtra?

- 1. This is a zero-till, Conservation Agriculture (CA) type of cultivation method.
- 2. SRT insists that all roots and small portion of stem should be left in the beds for slow rotting.
- 3. No ploughing, puddling and hoeing is to be done to control weeds.

Select the correct answer using the code given below:

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

71. Consider the following statements regarding winter solstice:

- 1. It is the shortest day of the year in the Northern Hemisphere.
- 2. It happens twice yearly, once in each hemisphere.

Which of the above statements is/are correct?

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

72. Consider the following statements:

1. State Bank of India (SBI), and Japan's JCB International Co., recently launched a Contactless Debit Card.
2. The tap and pay technology on the card will simplify the everyday purchases of customers with secure and fast contactless payments.
3. It will enable customers to do contactless transactions only.

Which of the above statements is/are correct?

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

73. Consider the following statements regarding Cultured Meat:

1. In terms of cellular structure, it is same as conventional meat.
2. It is grown directly from plant sources in a laboratory.
3. Its objective is to mitigate the environmental impact of meat consumption.

Which of the above statements is/are incorrect?

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

74. Consider the following statements:

1. Plasmodium ovale is the most common type malarial parasite.
2. Malaria is caused by the bite of the female Anopheles mosquito.
3. P ovale rarely causes severe illness.

Which of the above statements is/are correct?

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

75. With reference to 'Legions of Merit' award, consider the following statements:

1. The Legion Of Merit (LOM) is a military award of the Russian Armed Forces.
2. It can also be awarded to heads of state or government.
3. PM Modi is the first Indian recipient of this honour.

Which of the above statements is/are correct?

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

76. Zomi ethnic group, which recently demanded for the creation of Zoland Territorial Council (ZTC) under the Sixth Schedule of the Constitution, belongs to:

- (a) Arunachal Pradesh
- (b) Assam
- (c) Meghalaya
- (d) Manipur

77. "He joined the Indian National Congress at its Calcutta session in 1886 and became its president four times. He is known for founding the Banaras Hindu University. He is remembered for his role in ending the Indian indenture system, especially in the Caribbean".

Which of the following personalities has been described above?

- (a) Madan Mohan Malaviya
- (b) Lala Lajpat Rai
- (c) Vinayak Damodar Savarkar
- (d) Narayan Malhar Joshi

78. Consider the following statements.

1. The Department of Posts and the India Post Payments Bank (IPPB) recently unveiled a new digital payment application "DakPay".
2. DakPay is a suite of digital financial and assisted banking services provided through the postal network to cater to the financial needs of various sections of society, particularly those living in rural areas.
3. The India Post aims to provide facilities such as checking bank balances;

transactions through multiple bank accounts; the payment facility through the IPPB mobile banking application, etc.

Which of the above statements is/are correct?

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

79. With reference to Brucellosis disease, seen in news recently, consider the following statements:

- 1. It is a bacterial disease.
- 2. It is contracted by humans from infected rodents.
- 3. Human to human transmission of the disease is very rare.

Which of the above statements is/are correct?

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

80. The candidate(s) for which of the following posts is/are recommended by a committee headed by the Chief Minister?

- 1. State Chief Information Commissioner
- 2. State High Court Judge
- 3. Chairman of the State Human Rights Commission

Select the correct answer using the code given below.

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

81. Consider the following statements regarding the leader of the opposition in the Lok Sabha:

- 1. It is defined as the leader of the opposition party having the greatest numerical strength and recognized as such by the Presiding officer.
- 2. He is a member of the committee to select the Chief Information Commissioner.
- 3. The leader of the opposition in the Lok Sabha and Rajya Sabha were recognized for the first time in the year 1969 and 1952 respectively.

Which of the statements given above is/are correct?

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

82. With reference to the factors facilitating the re-admission of the Extremists to the Congress, consider the following statements:

- 1. Both the Moderates and the Extremists realized that the split had led to political inactivity.
- 2. To allay Moderate suspicions, Bal Gangadhar Tilak also denounced the acts of violence.
- 3. The death of Gopal Krishna Gokhale facilitated the reunion.

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

83. Consider the following statements:

- 1. Abanindranath Tagore broke the domination of the Victorian naturalism over Indian art.
- 2. Nandalal Bose was the first recipient of the scholarship offered by the Indian Society of Oriental Art.
- 3. Jagdish Chandra Bose pioneered research in science.
- 4. The Indian fairy tales, Thakurmar Jhuli (Grandmother's tales), were written by Daksinaranjan Mitra Majumdar.

Which of the statements given above are correct?

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

84. A negotiable instrument is a piece of paper that entitles a person to a sum of money and which is transferable from person to person by mere delivery or by endorsement and delivery. Which of the following are negotiable instruments?

1. Promissory Note
2. Cheque
3. Currency Note
4. Bill of exchange

Select the correct answer using the code given below.

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

85. With reference to Radioactive pollution, consider the following statements:

1. Radioactive pollution is caused only due to anthropological activities and thus is observed only on Earth.
2. A radioactive pollutant with a longer half-life will have a greater impact on human health than the one with shorter half-life.
3. Cobalt, Calcium and Iodine have radioactive isotopes that cause radioactive pollution and environmental degradation.

Which of the statements given above is/are correct?

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

86. Consider the following statements with reference to graveyard orbit:

1. It is also known as junk orbit and it lies away from common operational orbits.
2. Supersynchronous orbit is a type of graveyard orbit.
3. Most natural satellites in the Solar System are in super synchronous orbits.

Which of the above statements is/are correct?

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

87. "She was a Bengali revolutionary nationalist who was influential in the Indian independence movement. After completing her education in Chittagong and Dhaka, she attended Bethune College in Kolkata. She graduated in philosophy with distinction and

became a school teacher. She joined a revolutionary group headed by Surya Sen. She is known for leading fifteen revolutionaries in the 1932 armed attack on the Pahartali European Club, during which one person was killed and eleven injured. Recently a film is being made on her by Bangladesh."

Which of the following personality is described above?

- (a) Kalpana Dutt
- (b) Pritilata Waddedar
- (c) Santi Ghosh
- (d) Suniti Chandheri

88. In which of the following cases laws made by the Parliament on State list subject can be "repealed" by the state legislature?

1. Laws made by the Parliament on state list after imposition of state emergency under Article 356 of the Constitution.
2. Laws made on state list by the Parliament during a national emergency.
3. When Parliament makes law on state list to implement the international obligation and agreement.

Select the correct answer using the code given below.

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

89. Consider the following statements regarding provisions for declaration of assets for the members of Parliament:

1. The provisions have been provided under the Representation of Peoples Act, 1951.
2. They require every member to furnish declaration regarding the assets of self, of their spouse and dependent children.
3. The declarations made by the MPs can be made available to any person only with the prior permission of the Speaker/Chairman.

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

90. Consider the following statements about the Non-Cooperation Movement:

1. Jamia Milia Islamia and Kashi Vidyapeeth were established during the Movement.
2. A successful no-revenue campaign was launched at Bardoli.
3. The Khilafat leaders demanded complete independence.
4. The violence at Chauri Chaura marked the end of the Non-Cooperation Movement.

Which of the statements given above are correct?

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

91. Consider the following statements about the Justice Movement:

1. This Movement in the Madras Presidency was started by T.M. Nair and others.
2. It was aimed to secure jobs and representation for the non-Brahmins in the legislature.
3. In this regard, the Madras Presidency Association was formed, which demanded separate representation for the lower castes in the legislature.

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

92. Which of the following is/are the possible impacts of the devaluation of a currency in a country?

1. It may help in combating inflation.
2. It may lead to an increase in aggregate demand for domestically produced goods.
3. It may lead to an improvement in the current account balance.

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

93. Recently, the Council of Scientific and Industrial Research conducted the "IndiGen project" that undertook the whole-genome sequencing of thousands of individuals. In this context, how can genome sequencing (GS) be used in the immediate future?

1. Identifying mutations responsible for cancer.
2. Developing Precision Medicine.
3. Help in knowing the cause of non-reaction of a drug on some people.

Select the correct answer using the code given below.

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

94. Consider the following statements about Genetic engineering:

1. It is the process of modifying the DNA of an organism.
2. The cutting of DNA at specific locations is done by Ligase enzymes.
3. The genetically modified insulin, 'Humulin' was licensed for human use in 1982.

Which of the above statements is/are correct?

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

95. With reference to Organization for Security and Cooperation in Europe (OSCE), consider the following statements:

1. It is the world's largest security-oriented intergovernmental organization.
2. Its membership is restricted to Eurasian countries.
3. Its decisions are not legally binding.

Which of the above statements is/are incorrect?

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

96. Consider the following statements regarding the Contingency Fund of India:

1. The setting up of the Contingency Fund of India is mandatory under the Constitution of India for meeting unforeseen expenditures.

2. It is maintained by the Cabinet Secretary on behalf of the President of India.

Which of the statements given above is/are correct?

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

97. Consider the following statements:

1. Prime Ministerial oath is administered by the Chief Justice of India.

2. Article 75 of the Indian Constitution clearly states that the leader of the party in majority is to be appointed as the Prime Minister.

3. If the Prime Minister is a member of the Rajya Sabha, he can nominate a minister who is a member of the Lok Sabha to be its leader.

Which of the statements given above is/are correct?

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

98. With reference to the poem "Chchello Katoro Jerno Aa: Pi Jayo Bapu!" (Even this last cup of poison, you must drink, Bapu!), consider the following statements:

1. It was written by Zaverchand Kalidas Meghani.

2. The poem gave expression to the nationalist misgivings regarding the 2nd Round Table Conference.

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

99. With reference to "Income elasticity of demand", which of the following statements is/are correct?

1. Normal goods have a positive income elasticity of demand.

2. Inferior goods have a negative income elasticity of demand.

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

100. With reference to the agrarian reforms undertaken by the Congress Ministries in the brief period of 28 months' rule in the Provinces during 1937-39, consider the following statements:

1. There was a complete overhaul of the agrarian structure by completely abolishing the Zamindari.

2. Most of these benefits went to the statutory and the occupancy tenants, while the sub-tenants did not gain much.

3. Agricultural labourers did not benefit, as they had not been mobilized.

Which of the statements given above is/are correct?

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