



# All India Civil Services Coaching Centre

(Under the aegis of Government of Tamil Nadu)

## TEST BOOKLET General Studies – 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.

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- India and the majority of the members of OECD-G20 Inclusive Framework on Base Erosion and Profit Shifting (BEPS) have joined a new two-pillar plan. The twin - pillar plan is related to which of the following?
  - The rules of trade between nations
  - Trade-Related Aspects of Intellectual Property Rights
  - Foreign direct investment (FDI)
  - Reformation of international taxation rules.
- What are the benefits of International Trade settlements in Rupees:
  - Easing trade and better relations with other countries like Sri Lanka and Russia
  - Save foreign currency and reduce trade deficit
  - Decrease India's exports and increase the risk of forex fluctuations.
  - Slow the depreciation of the rupee.Which of the options given above is/are correct?
  - 1 and 3 only
  - 2 and 4 only
  - 1, 2 and 4 only
  - All of the above
- Consider the following statements regarding Kazakhstan:
  - Kazakhstan is the world's second largest landlocked country in the world.
  - It is the top global producer of uranium.
  - Recently there was unrest in Kazakhstan due to rising fuel prices.Which of the statements given above are correct ?
  - 1 and 2 only
  - 1 and 3 only
  - 2 and 3 only
  - All of the above
- Consider the following pairs regarding Administration of Chola kingdom:
  - Ur – Association of Traders
  - Nadus – Settlements of Peasants
  - Nagarams – Group of VillagesWhich of the pair(s) given above is/are matched incorrectly?
  - 1 only
  - 2 and 3 only
  - 1 and 2 only
  - 1, 2 and 3
- Consider the following statements:
  - Complex rituals and sacrifices advocated in later Vedic period
  - Prevalence of rigid caste system
  - Resentment to domination of priestly class by Kshatriyas
  - Practicing the doctrine of non-violenceWhich of the above is/are the reasons for the origin of Buddhism and Jainism?
  - 2 only
  - 1, 2 and 3 only
  - 1 and 4 only
  - 1, 2, 3 and 4

6. Consider the following statements regarding INS Vishakhapatnam :

1. INS Vishakhapatnam is a state-of-the-art Scorpene-Class attack submarines being built at the Mazgaon Docks Limited
2. INS Vishakhapatnam was built under Project 75 which envisages to build a total of four warships namely Visakhapatnam, Mormugao, Imphal and Surat
3. INS Vishakhapatnam is equipped to fight under Nuclear, Biological and Chemical warfare conditions.

Which of the statements given above is /are correct?

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

7. Consider the following statements regarding Li-ion batteries and nickel-cadmium batteries:

1. Energy density of nickel-cadmium cells is nearly four times higher than that of lithium-ion batteries
2. Nickel-cadmium batteries are prone to memory effect that accumulates crystal from cell that can cause a battery to lose electrical storage area, while Lithium-ion batteries are not
3. Nickel-cadmium batteries can be stored or used for up to 5 years while Lithium-ion batteries can last for anywhere between 2 and 3 years.

Which of the statements given above is /are correct?

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

8. Consider the following statements regarding Quantum technology:

1. In traditional cryptography, the security is usually based on solving a certain mathematical problem while in Quantum

Key Distribution, security is achieved through the laws of quantum physics.

2. Quantum cryptography is not considered as 'future-proof', as future advancements in the computational power can break quantum-cryptosystem.
3. National Mission on Quantum Technology and Applications was launched by Ministry of Electronics and Information Technology

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

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

9. How is/are Feldspar different from Pyroxene?

1. Pyroxene has larger share than the Feldspar in the composition of earth's crust.
2. Pyroxene is green or black in colour, while Feldspar is light cream or salmon pink in colour.

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

10. Physical and Mechanical weathering processes depend on:

1. Gravitational forces such as overburden pressure, load and shearing stress.
2. Expansion forces due to temperature changes, crystal growth or animal activity.
3. Water pressures controlled by wetting and drying cycles.

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

11. Which of the following soils develops because of intense leaching caused due to high rainfall and high temperature?

1. Black Soil
2. Red and Yellow Soil
3. Laterite Soil
4. Forest Soil

Select the correct answer using codes given below:

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

12. Which of the following statements is/are correct with reference to 'Neonicotinoids'?

1. They are used in plant protection products to control harmful insects.
2. They are water-soluble and can be absorbed by plants.
3. Their use has resulted in a decline in the population of pollinator species.

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

13. Which of the following are the non-symbiotic nitrogen-fixing bacteria?

1. Cyanobacteria
2. Rhizobium
3. Clostridium
4. Anabaena
5. Nostoc
6. Frankia

Select the correct answer using the code given below:

- (a) 1, 2 and 4 only
- (b) 2, 3, 5 and 6 only
- (c) 1, 3, 4 and 5 only
- (d) 1, 2, 3, 4, 5 and 6

14. Consider the following statements:

1. The progressive death of twigs and branches that generally starts at the tips is called dieback.
2. Girdling roots and soil compaction can cause dieback and decline in plants.
3. Periodic fertilization, pruning and watering can help in preventing the onset of the dieback.

Which of the statements given above are correct?

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

15. Consider the following statements with reference to 'Judicial Review' in India:

1. The term 'judicial review' is not mentioned in the Constitution of India.
2. Only the Supreme Court can use this power to examine the constitutionality of a law.
3. It can be used only to review laws that violate Fundamental Rights of individuals.

Which of the statements given above is/are correct?

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

16. With reference to the Representation of the People Act (RPA), 1951, consider the following statements:

1. It defines bribery, under corrupt practices, as any gift, offer or promise by an election candidate.
2. Pre-poll promises made by a political party in election manifestos do not constitute 'corrupt practice' under the Act.

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

17. With reference to a Motion in the Lok Sabha, consider the following statements:

- 1. It allows the members to raise matters of urgent public importance.
- 2. The notice of a Motion is given in writing and addressed to the Speaker.
- 3. A motion can be disallowed by the Speaker if it affects the procedure of the house.

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

18. Consider the following statements about Money Market instruments in India:

- 1. Generally, large firms with considerable financial strength and ratings can issue the Commercial Papers.
- 2. The maturity period of Certificates of Deposits cannot be more than a year.
- 3. In Repurchase Agreements, one party sells a security to another, with the promise of buying it back at a later date from the buyer.

Which of the above statements is/are correct?

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

19. Consider the following statements regarding the role of RBI in monetary policy:

- 1. The primary objective of monetary policy is to maintain price stability while keeping in mind the objective of growth.

2. The Reserve Bank of India is vested with the responsibility for the implementation of the flexible inflation targeting framework with a statutory basis.

3. If the RBI fails to keep inflation within 2-6 per cent in any quarter, it has to write to the government to justify the reasons for it.

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

20. Consider the following statements regarding Indian Depository Receipts (IDRs):

- 1. IDR is an instrument created by Indian depository in India against underlying shares of issuing company.
- 2. It allows foreign investors to invest in listed Indian companies.
- 3. IDRs are denominated in Indian rupees.

Which of the above statements are correct?

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

21. Geneva convention often seen in news is regarding which of the following issues ?

- (a) The Protection of Children and Co-operation in Respect of Inter country Adoption
- (b) The International Convention for the Prevention of Pollution from Ships
- (c) The standards for ethical treatment in war and limiting the barbarity of war.
- (d) An international agreement regarding the recognition of mediated settlements.

22. Consider the following statements regarding TAPI Pipeline which has been in news constantly :

- 1. TAPI Pipeline is a natural gas pipeline that originates from Turkmenistan and passes

through Afghanistan and Pakistan to reach India.

2. The TAPI project is being funded by the Asian Development Bank (ADB).
3. The TAPI pipeline is also called the Peace pipeline.

Which of the statements given above are correct?

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) All of the above

23. "Black widow binary", sometimes seen in the news, is related to

- (a) a rapidly spinning neutron star or pulsar
- (b) an advanced computing system based on binary data
- (c) a new species of spider
- (d) an atomic particle bound with a particle of similar mass

24. With reference to the United Nations (UN) Peacekeeping Mission, consider the following statements:

1. The UN Security Council is the sole authority to determine when and where a UN peace operation should be deployed.
2. "Blue Helmets" are the military personnel working for peacekeeping missions.
3. First peace mission was deployed to monitor the Armistice Agreement between Israel and its Arab neighbours in 1948.
4. India is the largest contributor to peacekeeping forces since its inception.

Which of the statements given above are correct?

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

25. Consider the following statements regarding Purandaradasa:

1. He was a contemporary of Kanakadasa.
2. He formulated the basic lessons of teaching Carnatic music by structuring graded exercises.
3. He introduced the raga Mayamalavagowla as the first scale to be learnt by beginners in the field

Which of the statements given above is/are correct?

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

26. With reference to Mughal Coinage, which of the following statements are correct?

1. Mohur was the standard gold coin of the Mughals.
2. Silver rupya of mughal period was adaptation of Sher Shah's currency.
3. Ilahi coins were issued by Jahangir in the memory of his father Akbar.

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

27. With reference to the administrative structure during the Mughals and Delhi Sultanate, consider the following statements:

1. The emperor controlled all military and judicial powers both during the Sultanate period and Mughal period.
2. Unlike the Delhi Sultanate, the provinces in the Mughal empire enjoyed semi-autonomous rule.
3. The village was the smallest unit of administration in both the Delhi Sultanate and Mughal Empire.

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) 1, 2 and 3

28. With reference to medieval Indian rulers, which one of the following statements is correct?

- (a) Alauddin Khalji first set up a separate ariz's department.
- (b) Balban introduced the branding of horses in his military.
- (c) Muhammad Bin Tughlaq was succeeded by his uncle to the military.
- (d) Firoz Tughlaq set up a separate department of slaves.

29. Recently a 'Sun halo' was witnessed in different parts of Karnataka. In the context of this consider the following statements –

- 1. It occurs due to absorption of sunlight by the water vapour present in the atmosphere.
- 2. Sun halos are the indicator of drought.
- 3. It disrupts the radio transmission on the Earth.

Which of the statements given above is/are Incorrect?

- (a) 2 only
- (b) 1 and 3 only
- (c) 2 and 3 only
- (d) All of the above

30. Consider the following statements regarding Artemis Accords:

- 1. Artemis Accords is a bilateral agreement between the American government and other governments participating in the Artemis Program which aims to return humans to the Mars by 2025
- 2. Major space players like India, Russia, China, France, Germany are signatories to the accord

3. By being a part of the accords, India's space companies could become a part of the global supply chain

Which of the statements given above is /are correct?

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

31. Consider the following statements regarding nano materials and Polymer:

- 1. Nanocomposites are a class of nanomaterials wherein one or more phases at nano-sized dimension are embedded in a ceramic, metal, or polymer material
- 2. Guar Gum polymer is frequently employed as a thickener, foam stabilizer, gelling agent, emulsifier, and ant staling agent in the food 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

32. Consider the following statements with respect to convectional current theory:

- 1. The entire process of this theory is based on heat generated by radioactive materials.
- 2. Convective currents can be formed even in absence of heat.
- 3. The currents are generated due to thermal difference in the Earth's core.

Select the correct answer using the code given below:

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

33. Which of the following statements is incorrect?

- (a) Oort cloud is the most distant region of our solar system and is believed to be a giant spherical shell surrounding the rest of the solar system.
- (b) Both the Oort cloud and the Kuiper Belt are thought to be sources of comets.
- (c) Like the asteroid belt, the Kuiper Belt has also been shaped by a giant planet.
- (d) Like the asteroid belt, the Kuiper Belt is located between Mars and Jupiter.

34. Consider the following statements:

- 1. Some autotrophs can produce food through chemosynthesis.
- 2. Photoheterotrophs get their energy from sunlight and consume carbon from other organisms.
- 3. Saprotrophs feed through the process of absorptive nutrition in which the nutritional substrate is directly digested by enzymes.

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

35. Consider the following statements with reference to corals:

- 1. Only the oceans of tropical regions contain corals.
- 2. All species of corals are involved in reef-building.
- 3. Coral polyps produce their own food through photosynthesis.

Which of the statements given above are not correct?

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

36. Consider the following statements regarding Biomes:

- 1. Aquatic systems are not called biomes.
- 2. No two biomes are alike.
- 3. Temperature and precipitation are the major physiographic factors that lead to the formation of major biomes.
- 4. Regional variations in climatic factors within each biome lead to the formation of a wide variety of habitats.

Which of the above statements are correct?

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

37. A method applied to determine the relative precedence of private members' bills and resolutions, notice of questions, half-an-hour discussions or any other notice given by more than one member simultaneously for being taken up on the same day is referred to as:

- (a) Point of order
- (b) List of Business
- (c) Draw of lot
- (d) Guillotine

38. The allowances and salaries of who among the following are charged on the Consolidated Fund of India?

- 1. Deputy Speaker of the Lok Sabha
- 2. Deputy Chairperson of Rajya Sabha
- 3. Comptroller and Auditor General
- 4. Chairperson of State Public Service Commission
- 5. High Court Judges

Select the correct answer using the code given below:

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

39. With reference to the Resolutions in the Parliament of India, consider the following statements:



1. All motions are resolutions but not all resolutions are motions.
2. All the resolutions must be voted upon in the House.
3. A statutory resolution can be moved only by a Minister.

Which of the statements given above is/are correct?

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

40. In which of the following matters, the powers of the State Legislative Council are equal to that of the State Legislative Assembly?

1. Introduction of Money Bills
2. Removal of Council of Ministers by a No Confidence Motion
3. Approval of ordinances issued by the Governor
4. Enlargement of the jurisdiction of the State Public Service Commission

Select the correct answer using the code given below:

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

41. Consider the following statements about "Deficit" in the Annual Financial Statement:

1. Effective Revenue Deficit signifies that amount of capital receipts that are being used for actual consumption expenditure of the government.
2. A shrinking primary deficit indicates progress towards fiscal health. Fiscal Deficit equals the money which government needs to borrow during the year.

Which of the statements given above is/are incorrect?

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

- (c) 3 only
- (d) None of the above

42. Which of the following elements are contained in the Budget?

1. Estimates of revenue and capital receipt
2. Ways and Means to raise revenue
3. Details of the actual receipt and expenditure of the closing financial year

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

43. Which of the following statements regarding the e-way bill system is/are correct?

1. It is required for inter-state movement of goods only.
2. Only the transporter of the goods can generate the e-way bill.
3. E-way bill is not required for transportation of used personal vehicles.

Select the correct answer using the code given below:

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

44. Consider the following statements with reference to the Nagorno-Karabakh region:

1. It is a disputed region between Armenia and Azerbaijan.
2. It forms a part of the Eastern Alps Mountain ranges in Europe.
3. The Minsk Group was created with the objective of finding a peaceful solution to the conflict in the region.

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

45. With reference to Web 5.0 technology, consider the following statements:

1. It is an internet platform where users have control over their identity.
2. It essentially requires block chain technology to develop all applications.
3. It will allow users to hold a digital wallet that can be used to manage data for external applications.

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

46. Consider the following statements, with reference to Graphene:

1. It is essentially a three-dimensional material having a low surface area.
2. It is a bad conductor of heat and electricity.
3. It is known as a basic building block for carbon nanotubes.
4. In graphene, the current flows only in one direction led by the magnetic field.

Which of the statements given above is/are correct?

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

47. Match the following:

<b>Martial Art</b>	<b>State</b>
A. Kalaripayattu	1. Punjab
B. Gatka	2. Mizoram
C. Pari-Khand	3. Bihar
D. Inbuan Wrestling	4. Kerala

Select the correct answer using the code given below:

- (a) A-2, B-3, C-4, D-1
- (b) A-1, B-4, C-3, D-2

(c) A-3, B-4, C-2, D-1

(d) A-4, B-1, C-3, D-2

48. With reference to 'Deccani Painting', consider the following statements:

1. It was a product of Shiraz style of Persian painting.
2. The style of this school was distinguished by rich vegetable colours and considerable use of gold.
3. A notable work, 'Lady with myna bird' belongs to Bijapur painting school.

Which of the above statements is/are correct?

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

49. Which of the following statement is correct regarding 'Zero-day exploit' –

- (a) It is a digital printing technology that eliminates the need for printing plates, moulds, chemicals, and solvents, besides releasing no pollutants or waste and reducing overall energy usage.
- (b) It is a cyber-attack targeting a software vulnerability which is unknown to the software vendor or to antivirus vendors.
- (c) It is a deep fake identification tool to detect imposters during video conferencing.
- (d) It is an Artificial Intelligence (AI) system designed to make moral judgments.

50. Consider the following statements regarding desalination process:

1. Low-temperature thermal desalination is a technique for desalination that works on the notion that water evaporates at lower temperatures, at low pressures.
2. LTTD technology is found suitable for Lakshadweep islands where the required temperature difference of about 15° C between sea surface water and deep-sea

water is found in the vicinity of Lakshadweep coasts only as of now.

3. The National Institute of Ocean Technology (NIOT), autonomous Institute has developed Low Temperature Thermal Desalination (LTTD) technology

Which of the statements given above is/ are correct?

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

51. Consider the following statements regarding the features of glacial depositional landforms:

- 1. The deposition of the sediments in a fan shaped body is known as an outwash fan.
- 2. Moraine consists of accumulated rocks, dirt, and other debris that have been deposited by a glacier.
- 3. Kame is usually formed when debris from a rock fall or other large volumes of debris fall through a crevasse of a glacier and accumulate in the depression.

Which of the above statements is/are correct?

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

52. Orogeny is the primary mechanism by which mountains are formed on continents. In this context, an orogenic belt undergoes which of the following phases as it evolves into a mountain range?

- 1. Sedimentation
- 2. Magmatism
- 3. Metamorphism
- 4. Deformation

Select the correct answer using the code given below:

- (a) 3 only

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

53. Which of the following statements are characteristic features of an Ox-bow Lake?

- 1. It is formed in flat, low-lying plains close to where the river empties into another body of water.
- 2. It is a Stillwater Lake which implies that water does not flow into or out of them.
- 3. It does not have a natural outlet.
- 4. The rivers with high sinuosity often create shorter oxbow lakes than rivers that naturally flow in straighter lines.

Select the correct answer using the codes given below:

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

54. The garbage is treated with bio-organisms or natural elements like air and sunlight so that the biodegradable elements in the waste break down over time. Which of the following term best describes the given definition?

- (a) Greenwashing
- (b) Pyrolysis
- (c) Bio-mining
- (d) Biosparging

55. Consider the following statements regarding the Commission for Air Quality Management (CAQM):

- 1. It has given the central pollution control board powers to operationalise measures under the Graded Response Action Plan (GRAP) on air pollution.
- 2. It will supersede bodies such as the central and state pollution control boards of Delhi, Punjab, Haryana, UP and Rajasthan.
- 3. It is a permanent and non-statutory body.

Which of the statements given above is/are correct?

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) All of the above

56. Consider the following statements regarding Climate Equity Monitor :

1. The Climate Equity Monitor, an online dashboard for assessing equity in climate action at the international level has been launched by Ministry of Statistics and programme implementation
2. The Climate Equity Monitor is aimed at monitoring the performance of all the member countries of UN based on the principles of equity and common but differentiated responsibilities and respective capabilities (CBDR-RC)

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

57. Recently, a glacier has been formally named Glasgow Glacier in honour of Glasgow, Scotland, which is hosting the high-level UN climate conference. This glacier is a 100-kilometre-long body of ice which has been rapidly melting due to global warming. The Glasgow glacier is located in which of the following places?

- (a) Canada
- (b) Iceland
- (c) Antarctica
- (d) Karakoram Himalayas

58. Which of the following statements regarding Right to Equality is incorrect?

- (a) Rule of Law indicates different treatment in different circumstances.

- (b) President of India has immunity of getting no criminal proceedings instituted against them during his tenure.
- (c) The concept of 'equal protection of laws' has been taken from the American Constitution.
- (d) A Member of Parliament is not be liable to any proceedings in any court in respect of anything said by him in the Legislature.

59. In which of the following conditions, the Parliament can make laws on subjects enumerated in State List?

1. When a state makes a request to fulfill an International Agreement
2. During Financial emergency
3. When Rajya Sabha passes a resolution

Select the correct answer using the code given below:

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

60. Which of the following will be the outcome if the Union Budget is not passed by the Parliament?

- (a) A new Budget is created after considering the inputs from departmental committees.
- (b) It is presented again after again receiving the assent of the President.
- (c) Union Finance Minister is asked to resign.
- (d) The government is said to have lost majority in the house.

61. Which of the following statements regarding the 'Pre-Pack mechanism' are correct?

1. In this, the debt of a distressed company is resolved through a public bidding process.
2. Recently, the central government promulgated an ordinance for pre-packs to be used as an insolvency resolution

mechanism for Micro, Small and Medium Enterprises (MSMEs).

3. It will be implemented in parallel to the Corporate Insolvency Resolution Process (CIRP).

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

62. Select the most appropriate definition of "Greenfield FDI:"

- (a) It is the foreign direct investment in assets and capital of a country used to build green corridors.
- (b) It refers to the FDI permitted by the government of a country after it clears all the stages of Environment Impact assessment.
- (c) It is the investment done by a company in new assets and capital to set up its base from ground up.
- (d) It is a recent initiative of the G20 group to promote foreign investment in environmental projects and accomplish the SDGs.

63. Which of the following was/were the reason for India to opt for planning at the time of independence?

- 1. Market mechanism alone would not have been effective at the time to bring India out of low-level equilibrium trap.
- 2. There was lack of incentive for private sector to operate in social sector.
- 3. Economic planning in India was inspired by the success of planning and socialism in the Soviet Union.

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

64. Which of the following is a fiscal policy tool in India?

- 1. Goods and Services Tax
- 2. Repo rate
- 3. Corporate tax
- 4. Public infrastructure spending

Select the correct option using the code given below:

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

65. Which of the following can be categorised as Green mining technologies?

- 1. Liquid membrane emulsion technology
- 2. Sulphuric acid leaching extraction process
- 3. Solvent extraction method
- 4. Mining from tailings

Select the correct answer using the code given below:

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

66. "INFRUS Alliance", sometimes seen in the news, is a

- (a) coalition for disaster resilient infrastructure by the European Union
- (b) partnership to have nuclear deterrent against Chinese aggressions
- (c) initiative by India to create infrastructure in neighbouring Island countries
- (d) programme by G20 countries to control tax evasion by multinational companies

67. Which of the following personalities is/are associated with Women's Indian Association?

- 1. Margaret Cousins
- 2. Sarojini Naidu

3. Kamaladevi Chattopadhyay
4. Annie Besant
5. Muthulakshmi Reddy

Select the correct answer using the code given below:

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

68. Consider the following statements with reference to former Governor-General William Bentick:

1. During his rule, he led the abolition of Sati and suppression of Thugi.
2. He signed the Treaty of 'perpetual friendship' with Ranjeet Singh.
3. He abolished the four Circuit Courts.

Which of the statements given above is/are correct?

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

69. Which of the following statements correctly relates to 'the problem of Sambalpur' in the 1890s?

- (a) Sambalpur was an Oriya speaking region in a Hindi speaking province, known as the Central Provinces.
- (b) Sambalpur was an Oriya speaking region in a Bengali speaking province.
- (c) Sambalpur was acquired from the Nizam and had been a part of the Berar province.
- (d) Sambalpur was a part of the United Provinces, despite being Oriya speaking.

70. Which of the following leaders were associated with Surya Sens Chittagong armed group?

1. Pritilata Waddedar
2. Kalpana Dutt
3. Santi Ghosh

4. Bina Das
5. Suniti Chandheri

Select the correct answer using the codes given below:

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

71. What is/are the significance of RNA interference (RNAi) technology which gained popularity in recent years?

1. Formulating drugs capable of reducing cholesterol levels.
2. Silencing the entire gene for protein synthesis.
3. Gene mapping and annotation in plants.
4. Treating acute viral infections

Which of the statements given above is/are correct?

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

72. Which of the following are advantages of Blockchain technology in the health sector?

1. It identifies, tracks, and traces prescription medications and vaccine distribution.
2. It enables a user-centred means of gathering health information securely.
3. It provides robust safeguards for patient Information and anonymizing their data.
4. It can facilitate complete health product traceability.

Choose the correct statements using the code given below:

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

73. Which of the following statements regarding the temperature inversion are correct?



1. The temperature inversion forms ideally in a long winter night with cloudy skies.
2. Over polar areas, temperature inversion is normal throughout the year.
3. The inversion takes place in hills and mountains due to air drainage.
4. Temperature inversion can be responsible for the violent thunderstorms.

Select the correct answer using the code given below:

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

74. Which of the following are the North Atlantic cold currents?

1. East Greenland Current
2. Labrador Current
3. Florida Current
4. Canaries Current

Select the correct answer using the code given below:

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

75. Peninsular Hills are of the relict type, being remnants of the originally higher hills but some typical horsts are also seen. In this context, consider the following statements:

1. Bharner and Kaimur hills form the eastern part of the Satpura Range.
2. Dhupgarh near Panchmarhi on Mahadev Hills is the highest peak of the Vindhyan range.
3. Tapti originates from the Amarkantak plateau.

Which of the above statements is/are correct?

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

76. Consider the following statements regarding the Barak River:

1. The basin of the Barak River covers the areas of India, Myanmar and Bangladesh although it never enters into the territory of Myanmar.
2. Barail range separates the Barak basin from the Brahmaputra basin
3. Meghna is a combined flow of Ganga and Brahmaputra and Surma, a distributary of Barak.

Which of the above statements is/are correct?

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

77. Consider the following statements regarding the Hasdeo Aranya Forest:

1. They are called the lungs of Odisha.
2. They provide a large migratory corridor for elephants.
3. In 2010, it was categorized as a “no-go” zone for mining by the Government of India.

Which of the statements given above is/are correct?

- (a) 2 only
- (b) 1 and 3 only
- (c) 2 and 3 only
- (d) All of the above

78. With reference to Loktak Lake, consider the following statements:

1. It is the largest freshwater lake in Meghalaya.
2. It houses the only floating national park in the world.
3. Instead of Carbon Dioxide, Nitrogen is the major pollutant in the lake.

Which of the statements given above are correct?

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

(d) All of the above

79. With reference to the Vice-President of India, consider the following statements:

1. The Vice President acts as the President if a vacancy is caused because of resignation or removal or death of the President.
2. He/She is elected by an electoral college which consists of the members of both Houses of the Parliament including the nominated members.
3. The qualifications and manner of election for being a Vice President are the same as prescribed for the office of the President.

Which of the statements given above are correct?

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

80. Which of the following have been identified as a mode of corruption by the Central Vigilance Commission (CVC)?

1. Claiming of false traveling allowance, house rent.
2. Losses to the government by negligence.
3. Production of forged certificate of the age of birth/community.
4. Acceptance of gifts.

Select the correct answer using the code given below:

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

81. Which of the following statements regarding the Government of India Act 1935 is incorrect?

- (a) Abolition of India Council of the Secretary of State.

(b) It provided for dyarchy in the federal executive which was earlier rejected by the Simon Commission.

(c) Provinces derived their power and authority directly from the British Crown.

(d) It expanded the electoral franchise to more than 50 per cent of the total population.

82. Which of the following policy changes can have an adverse impact on agriculture sector in India?

1. Reducing import duties on agricultural products
2. Lifting of Quantitative Restrictions on agricultural products
3. Removal of Minimum Support Price
4. Increase in public investment
5. Export-oriented policy strategy

Select the correct answer using the code given below:

- (a) 1, 2 and 3 only
- (b) 3, 4 and 5 only
- (c) 1, 2, 3 and 5 only
- (d) All of the above

83. The Eastern Dedicated Freight Corridor (EDFC) does not pass through which of the following states?

1. Punjab
2. Uttarakhand
3. Bihar
4. West Bengal
5. Himachal Pradesh

Select the correct answer using the code given below:

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

84. Consider the following statements:

1. 'Betting and Gambling' is included in the State list under the Seventh Schedule of the Indian Constitution.
2. State Legislature has the right to impose tax on lotteries conducted by other States within its jurisdiction.
3. Parliament has the power to legislate on lotteries organized by any State Government.

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

85. Which of the following is/are part of Gandhi's eleven points demand ?

1. Abolish the Postal Reservation Bill.
2. Carry out reforms in Criminal Investigation Department (CID)
3. Abolish the land revenue.
4. Reserve coastal shipping for Indians.

Select the correct answer using the code given below:

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

86. Consider the following statements regarding the Cripps mission:

1. It offered Indian Union with a dominion status.
2. After the end of the Second World war, a constituent assembly to frame a new constitution was proposed.
3. Option was available to any province to have a separate constitution.

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

87. Consider the following statements:

1. Gandhi approved a separation of politics and religion as opposed to Ambedkar.
2. Sardar Vallabhbhai Patel was neither in favor of nationalization nor was he a believer in planning.
3. Lala Lajpat Rai proposed partition of India into a Muslim India and non-Muslim India.

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

88. With reference to Arctic Amplification, consider the following statements:

1. It occurs when the atmosphere's net radiation balance is affected by an increase in greenhouse gasses.
2. The main factor contributing to it is the low albedo.
3. As per the 'State of Global Climate' Report by the United Nations Framework Convention on Climate Change, sea level along the Indian coast is rising faster than the global average rate.

Which of the statements given above are correct?

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) All of the above

89. Which of the following lakes of Iran are experiencing shrinking/drying up due to anthropological reasons?

1. Lake Baikal
2. Lake Sawa
3. Lake Urmia
4. Lake Superior

Select the correct answer using the codes given below:

- (a) 2 and 3 only

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

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

90. Consider the following statements regarding Rat Hole Mining:

1. The government does not have any Act in place to regulate mining.
2. It is a major source of air, water and soil pollution and National Green Tribunal (NGT) banned it in 2014.
3. It is prevalent in Meghalaya due to the thinness of coal found over here.

Which of the statements given above are correct?

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) All of the above

91. Which of the following factors are responsible for the formation/strengthening of North-East Monsoon?

1. Formation of low-pressure cells over Tibetan plateau in winter
2. Weakening of the Walker Cell in the Southern Indian Ocean
3. Southward migration of ITCZ
4. Subtropical Jetstream returns back in its original position

Select the correct answer using the code given below:

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

92. Consider the following factors:

1. Tropic of Cancer passing through India
2. The towering mountain chain in the North
3. Long coastline of India
4. Numerous Peninsular rivers flowing throughout India

Which of the factors given above determine the climate of India?

- (a) 1, 2 and 3 only

93. Which of the following statements regarding factors influencing location of industries are correct?

1. Perishability of raw material determines the location of the industry to its source of the raw material.
2. Footloose industry is not dependent on any specific raw material.
3. Location of Aluminium industry is mainly determined by location of the source of the energy supply.

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

94. Which of the following are the limitations of using GDP as a measure of welfare?

1. The increase in the level of GDP may not increase the welfare level in the society.
2. It focuses more on the total estimate of income distribution of individuals in an economy.
3. It undervalues all the non-monetary transactions within an economy.
4. It does not take into consideration the impact of negative and positive externalities in an economy.

Select the correct answer using the code given below:

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

95. Which of the following actions can be taken in balance of payment (BoP) crisis by India to stabilize the economy?

1. artificially stabilization of rupee by the RBI

2. issue of masala bonds by the government of India
3. raising of interest rate in the economy

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

96. Which of the following is/are the objectives of government budget in an Economy?

1. Reallocation of Resources
2. Reducing inequalities in income and wealth
3. Addressing the regional disparities
4. Increasing the money supply in Economy

Which of the above statements is/are correct?

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

97. Amendment of which of the following provisions of the Constitution of India requires a special majority of the Parliament and consent of half of the States?

1. Formation of new States
2. Power of Parliament to amend the Constitution
3. Fundamental Rights
4. Goods and Services Tax Council
5. Elections to Parliament and State Legislatures

Select the correct answer using the code given below:

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

98. With reference to the Public Interest Litigation (PIL) in India, consider the following statements:

1. It can be filed before both the Supreme Court and the High Court.
2. It is not defined in any statute or in any act.
3. Only the person whose rights are infringed can file a PIL in the court.

Which of the statements given above is/are correct?

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

99. Consider the following statements with reference to the Constituent Assembly of India:

1. It was constituted under the scheme formulated by August offer.
2. Initially, the Socialists were unwilling to join the Constituent Assembly.
3. The idea of Constituent Assembly was put forward for the first time by J.L. Nehru.

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

100. With reference to Government of India Act, 1935, consider the following statements:

1. Members of Council of States could move a vote of no-confidence against ministers.
2. Provincial Governor was to have special powers regarding princely states.
3. The act provided residuary powers to the provinces.

Which of the statements given above is/are correct?

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