



All India Civil Services Coaching Centre

(Under the aegis of Government of Tamil Nadu)

TEST BOOKLET

Test 9 – 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.

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1. Which of the following statements is/are correct?

1. The System of Air Quality and Weather Forecasting and Research (SAFAR) is a national initiative introduced by the Ministry of Environment, Forest and Climate Change.
2. It has been developed by Indian Institute of Tropical Meteorology.
3. It provides location specific information on air quality in three days advance.

Select the correct option using the codes given below:

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

2. Consider the following statements:

1. The transfer of Judges from one High Court to another High Court is made by the collegium.
2. The Supreme Court derives its power to select, appoint and transfer judges from the constitution.
3. Judges of High Court are subordinate to the Judges of the Supreme Court.

Which of the following statement/s is/are incorrect regarding the Judges of High Court and Supreme Court?

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

3. With reference to the schools of philosophy prevalent in ancient India, consider the following statements about Samkhya:

1. It was propounded by Charvaka.

2. It believes that real knowledge can be acquired through observation, influence and words.

3. Elements of materialistic philosophy are found in the Samkhya system.

Which of the statements given above is/are correct?

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

4. Consider the following statements regarding shifting cultivation:

1. It is an agricultural practice on a piece of land which continues until the soil loses its fertility.
2. It is widely practised by many tribes in the tropics, especially in Africa, Central America and South East Asia

Which of the given above statements is/are correct?

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

5. Consider the following statements about Real Estate Investment Trusts (REITs):

1. They raise funds from a large number of investors and directly invest in real estate properties.
2. SEBI has regulatory jurisdiction over REITs.
3. Mutual Funds are allowed to invest in REITs while Banks are not.

Which of the statements given above is/are correct?

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

- (d) 1 and 3 only
6. Which of the following is the objective of recently launched Accelerating Growth of New India's Innovations (AGNIi) initiative?
- To connect innovators across industry, individuals and the grassroots, to the market and help commercialize their innovative solutions
 - To fund the grassroots level innovations in the space and defence sector.
 - To promote vocational skills among school girl dropouts.
 - To promote international exports of rural traditional handicrafts.
7. With reference to recently announced National Guidelines for Gene Therapy, consider the following statements:
- It seeks to regulate the gene therapy procedures in India.
 - It mandates registration of all clinical trials with Clinical Trials Registry-India (CTRI).
 - All entities producing gene therapy products must establish an Institutional Bio-safety Committee (IBSC).
- Which of the statements given above are correct?
- 1 and 2 only
 - 2 and 3 only
 - 1 and 3 only
 - 1, 2 and 3
8. Consider the following statements:
- Biopiracy is the commercial exploitation of traditional indigenous knowledge through the patent process.
 - Bioprospecting is the exploration of biological material for commercially valuable genetic and biochemical properties.
- Which of the statements given above is/are correct?
- 1 only
 - 2 only
 - Both 1 and 2
 - Neither 1 nor 2
9. Consider the following statements regarding Pietra Dura:
- It is a style of ornamentation that came into existence during the regnal years of Shah Jahan.
 - This style carves floral designs made of semi-precious stones on to the walls of monuments.
 - This style of ornamentation was extensively used on to the walls of Taj Mahal.
- Which of the statements given above is/are correct?
- 2 only
 - 2 and 3 only
 - 1, 2 and 3
 - 1 and 3 only
10. Consider the following statements regarding the Right to be Forgotten:
- Right to be Forgotten is a fundamental right under Article 21 of the Indian Constitution.
 - Personal Data Protection Bill, 2018 only provides for prevention of continuing disclosure of personal data and not the deletion of personal data.
 - If the information is of public interest, the right to information of the public prevails over privacy rights.
- Which of the above statement/s is/are incorrect?
- 1 and 2 only
 - 2 and 3 only
 - 2 only
 - 1 only
11. Recently, a constitutional crisis has occurred in Maharashtra that threatens the position of incumbent Chief Minister. Consider the following statements regarding the same:
- The Constitution allows a person to become a Minister without being a member of either House of State legislature for the period of six months.
 - The Representation of the People Act, 1951, says that nomination to the post cannot be done if the remainder of the

term of a member in relation to a vacancy is less than one year.

3. The time limit for a bypoll to fill vacancies is six months from the date of occurrence of vacancy.

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

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

12. Consider the following statements regarding GreenCo Rating System:

- 1. It is the first global framework that evaluates environment friendliness of companies using life cycle approach.
- 2. It is applicable for both manufacturing facilities and service sector industries.
- 3. It has been developed by the Bureau of Energy Efficiency in association with The Energy and Resources Institute. (TERI).

Which of the statements given above is/are correct?

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

13. With reference to the 'Asian Elephant Specialist Group (AsESG)' which of the following statements is/are correct?

- 1. AsESG is an initiative started by India under the Project Elephant.
- 2. It intends to provide the demographic status of Asian Elephants in its range states.

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

14. What is common to the sites - Eran, Gilund and Kayatha?

- (a) Sites associated with the chalcolithic phase in India.
- (b) Major political centres of the mahajanapada period.

- (c) Urban cities of the Gupta period.
- (d) Port settlements in ancient India.

15. Consider the following statements regarding the Rig Vedic society:

- 1. Women attended assemblies and performed rituals of sacrifice.
- 2. Widow remarriage was strictly prohibited.
- 3. Child marriage was widely prevalent during the Rigvedic period.

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

16. Which of the following forces affects the velocity and direction of winds?

- 1. Frictional Force
- 2. Pressure Gradient Force
- 3. Coriolis Force

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

17. Which of the following contributes to the process of denudation?

- 1. Decomposition
- 2. Transportation
- 3. Weathering
- 4. Erosion

Select the correct answer using the code given below.

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

18. Medium-Term Fiscal Policy Statement is mandated by the Fiscal Responsibility and Budget Management Act, 2003. It sets out the three-year rolling targets for which of the following fiscal indicators?

- 1. Fiscal Deficit
- 2. Revenue Deficit
- 3. Non-tax Revenue

4. Debt of Centre and State Government
Select the correct answer using the code given below.

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

19. With reference to the international trade, which of following correctly describes Advance Authorization?

- (a) Duty credit scrips rewarded to service exporters.
- (b) Sanction of export credit for pre and post-shipment to eligible exporters.
- (c) Allowing duty-free import of inputs, which are physically incorporated in export products.
- (d) Permitting duty-free exports from Special Economic Zones.

20. Which of the following species may be classified as a monotreme or egg laying mammals?

- 1. White-faced whistling duck
- 2. Duck-Billed platypus
- 3. Blue Whale
- 4. Echidina

Select the correct answer using the code given below.

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

21. With respect to the Boreal biome, consider the following statements:

- 1. The southernmost part of the boreal ecosystem is flanked by tree line.
- 2. Soils in the Boreal ecosystem are acidic and poor in nutrients.

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

22. Recently, a giant cat geoglyph was discovered on a hill at the famous Nazca Lines site in

Peru. In this context, consider the following statements:

- 1. Geoglyphs are the large designs made on the ground by creators using elements of the landscape such as stones, gravel, dirt or lumber.
- 2. Nazca Lines are recognized as a World Heritage Site by UNESCO.

Which of the above statements is/are correct?

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

23. Consider the following statements regarding Vessels Traffic Monitoring Systems (VTMS):

- 1. VTMS is a software which determines vessel positions, position of other traffic or meteorological hazard warnings and extensive management of traffic within a port or waterway.
- 2. VTMS is mandatory under IMO Convention SOLAS (Safety of Life at Sea).
- 3. Presently, India does not have any operational VTS system along its coast.

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

24. Which of the following pairs are correctly matched?

Acid	Use
1. Oxalic Acid	: Bleaching of leather
2. Acetic Acid	: Processing of foods
3. Citric Acid	: Washing metals
4. Benzoic Acid	: Accumulation batteries

Select the correct answer using the code given below.

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

25. With respect to the Sixth Schedule of the Constitution, consider the following statements:

1. The Acts of Parliament or the state legislature do not apply to autonomous districts and autonomous regions
2. The governor can assume the control of any Autonomous District Councils if he is satisfied that the district cannot be carried on in accordance with the provisions of this Schedule.
3. The civil and criminal judicial powers of the councils is subject to the jurisdiction of the concerned High Court.

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

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

26. Consider the following differences between the Chauth and Sardeshmukhi:

1. While Chauth was collected for the neighbouring territories of the Deccan sultanates, Sardeshmukhi was collected for the territories within the Maratha Kingdom.
2. The Chauth and Sardeshmukhi amounted to four percent and ten percent of the land revenue assessment respectively.

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

27. With reference to the scripts used in prehistoric and ancient India, consider the following statements:

1. The Harappan script is a pictographic script which is yet to be deciphered.
2. Brahmi script is written from right to left while Kharoshti script is written from left to right.
3. Greek and Aramaic scripts were used in writing Ashokan inscriptions in Afghanistan.

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

28. With reference to thunderstorms, consider the following statements:

1. During thunderstorms, lightning is produced by the clashing of cumulonimbus clouds in the upper air.
2. During a thunderstorm, it is safer to stand below a tree than to sit inside a car.
3. Distance to the storm can be calculated by observing the time difference between lightning and thunder.

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

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

29. Which of the following characteristics can be associated with metamorphic rocks?

1. Recrystallisation
2. Foliation
3. Abundant fossil presence
4. Banding

Select the correct answer using the code given below.

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

30. With reference to the newly proposed scheme for 'Remission of Duties or Taxes on Export Product (RoDTEP)', consider the following statements:

1. It seeks to replace Merchandise Exports from India Scheme (MEIS) to better comply with the WTO rules.
2. It is expected to reduce government expenditure on export subsidies.
3. It will be monitored by the Ministry of Commerce and Industry.

Which of the statements given above is/are correct?

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

31. Consider the following statements regarding the Net International Investment Position (NIIP):

1. It is the gap between a nation's stock of foreign assets and foreigner's stock of that nation's assets at a specific point in time.
2. Higher net FDI flows tend to worsen the absolute NIIP level of a country.

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. Which of the following factors play a role in the formation of ecads?

1. Temperature
2. Soil moisture
3. Intensity of light
4. Soil nutrients

Select the correct answer using the code given below.

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

33. Which of the following pollutants causes disease named Byssinosis?

- (a) Silica dust
- (b) Cotton dust
- (c) Coal dust
- (d) Lead

34. With reference to Ayushman Sahakar initiative, consider the following statements:

1. It covers establishment, modernization, expansion, repairs, renovation of hospital and healthcare and education infrastructure.
2. It is formulated by the National Cooperative Development Corporation (NCDC).
3. NCDC is the apex autonomous development finance institution under the Ministry of Finance.

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

35. Consider the following statements regarding 'Life in Miniature' Project:

1. It will allow online viewing of various hundred small-scale paintings from the National Museum, New Delhi on Google Arts & Culture by people all over the world.
2. It spotlights the role of technology in the conservation of India's heritage.
3. National Museum is the premiere cultural institution of the India under Ministry of Culture.

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

36. In the context of governance, which of the following is a defining feature of a 'night watchman' state?

- (a) Strict regulation of all the economic activities of the citizens by the state.
- (b) Public provision of all social services such as education and health.
- (c) The powers of state are limited to imposition of rule of law only.
- (d) Regulations by state that restrict personal choice "for the individual's own good".

37. Consider the following statements with respect to the ceiling on election expenditure:

1. The Election Commission imposes limits on campaign expenditure incurred by both candidates and political parties.
2. The expenditure ceiling for a candidate of the Lok Sabha elections is the same as the ceiling for a candidate of the Assembly elections.
3. Candidates must mandatorily file a true account of election expenses with the Election Commission.

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

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

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

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

38. Consider the following statements regarding Dhrupad:

1. It is a form of Hindustani classical music.
2. Its lyrics are usually in the dialects of Hindi called Awadhi and Brij Bhasha.
3. Tansen was one of the most famous dhrupad singers.

Which of the statements given above is/are correct?

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

39. Which of the following crafts/techniques were introduced/popularised by Turks in India?

1. Iron stirrup
2. Use of Lime mortar for building
3. Printing Press
4. Cultivation of Tobacco and Pineapple

Select the correct answer using the code given below.

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

40. Consider the following pairs:

Mountain	Location
1. Atlas Mountains	: North America
2. Zagros Mountains	: West Asia
3. Altai Mountains	: West Europe
4. Drakensberg Mountains	: South Africa

Which of the pairs given above are correctly matched?

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

41. Which of the following can be caused by an earthquake?

1. Liquefaction of sandy ground
2. Change in the flow of groundwater
3. Seiches formation in landlocked lakes

Select the correct answer using the code given below.

42. Which of the following statements are correct regarding the Price Stabilization Fund?

1. It seeks to contain inflation of food as well as non-food items.
2. Operational losses are shared between the Centre and the States.
3. It is under the purview of the Ministry of Consumer Affairs, Food and Public Distribution.

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. In the context of economics, which of following best describes the process of Creative Destruction?

- (a) It refers to change in economic structure where old industrial units are replaced by innovative and novel production units.
- (b) It refers to process in which government policies unintentionally hinders the development of industries with creative potential.
- (c) It refers to decline in the quality of social infrastructure in an economy as result of low spending by the successive governments.
- (d) It refers to a situation where high inflation rates in an economy tends to decrease the investment levels.

44. With reference to Coral bleaching, consider the following statements:

1. Coral bleaching is a phenomenon in which the symbiotic relationship between algae and the host corals breaks down.
2. Once bleaching takes place, coral reefs cannot recover from the loss.
3. India has set up a coral bleaching alert system to report and issue warnings.

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. Consider the following statements with reference to pyrolysis and gasification:

1. While pyrolysis is the process of thermal conversion of organic matter in the presence of oxygen, gasification is a thermo-chemical process that converts biomass into a combustible gas in the absence of oxygen.
2. The process of gasification generally needs more temperature than pyrolysis.

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. Which of the following is/are the uses of Algae?

1. Carbon dioxide fixation
2. Purification of wastewater
3. Food supplements
4. Biofuel production

Select the correct answer using the code given below.

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

47. Consider the following pairs:

Organisms	Uses
1. Streptococcus	: Clot buster
2. Lipases	: Detergent
3. Cyclosporine	: Cholesterol lowering agents
4. Statins	: Immunosuppressant

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

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

48. Which of the following statements best explains the reason for airplane windows being rounded rather than square?

- (a) Rounded windows have higher tensile strength as compared to squared windows.
- (b) Stress is more equally distributed along the edges in the rounded windows as compared to squared windows.
- (c) Rounded windows have lesser surface area and thus are less expensive.
- (d) Rounded windows are easier to fit as compared as squared windows.

49. Which of the following countries are NOT the members of Commonwealth of Independent States (CIS)?

1. Armenia
2. Poland
3. Turkmenistan
4. Estonia

Select the correct answer using the codes given below:

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

50. In the context of the anti-corruption regime in India, which of the following statements best describes the term 'Single Directive'?

- (a) It refers to the process where the different petitions concerned with a corruption case are consolidated and heard at once by the Judiciary.
- (b) It refers to the convention of handling of multiple corruption cases against a civil servant by a single anti-corruption agency.
- (c) It refers to the prior approval of the government for conducting an inquiry against government servants under laws against corruption or abuse of their official position.
- (d) It refers to the directive issued by an anti-corruption agency against Civil Servants to explain the sources of their disproportionate assets.

51. Which of the following measures are available in India for promoting public participation in law-making?

1. A policy on Pre-Legislative Consultation
2. Formulation of a formal Code of Practice on Consultation by the Cabinet Secretary
3. Provision for public consultation by the Parliamentary committees

Select the correct answer using the code given below.

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

52. Which of the following statements about the social conditions during the Gupta period is/are correct?

1. Kshatriya occupied the top position in the society as the supremacy of Brahmans began to decline.
2. Shudras were allowed to listen to religious texts.
3. Position of upper-caste women improved as they were allowed to inherit landed property.

Select the correct answer using the code given below.

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

53. Which of the following factors led to the decline of the Mughal Empire under Aurangzeb?

1. Expansionist policy towards Deccan
2. Gradual failure of the Mansabdari system
3. Religious discrimination

Select the correct answer using the code given below.

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

54. Consider the following locations:

1. Causes of France
2. Yucatan Peninsula of Mexico
3. Pennines of Britain

What is the common characteristic of the regions given above?

- (a) They are the major limestone regions of the world.
- (b) They are located on the convergent boundaries of tectonic plates.
- (c) They witnessed the volcanic eruption in recent times.
- (d) High grade Anthracite is available in these locations.

55. With reference to the Authorized Economic Operator (AEO) program, consider the following statements:

1. It seeks to enhance international supply chain security and facilitate the movement of legitimate goods.
2. It is an initiative of the World Trade Organization.

Which of the statements given above is/are correct?

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

56. It is said that Corporates in India are practicing aggressive deleveraging in recent times. What do you understand by 'deleveraging'?

- (a) It refers to process of decreasing debt burden by selling off assets or raising capital.
- (b) It is investing in high risk sectors to secure gains in short time.
- (c) It refers to a situation of rapid increase in debts due to poor returns from investments.
- (d) It is a measure of tax avoidance by showing book profits at low level.

57. They are separate species of organisms that are related through their capability of interbreeding. They are able to exchange genes among themselves to a limited extent through hybridization.

The species in the above passage are best described by which of the following?

- (a) Cenospecies
- (b) Cryptic Species
- (c) Monotypic species

- (d) Sibling species
58. What are the different application areas of Microbial fuel cells?
1. Powering underwater monitoring devices
 2. Power supply to remote sensors
 3. Waste-water treatment
 4. Production of biohydrogen
- Select the correct answer using the code given below.
- (a) 1, 3 and 4 only
 - (b) 1 and 4 only
 - (c) 2 and 3 only
 - (d) 1, 2, 3 and 4
59. Consider the following statements regarding Mission Karmayogi:
1. It is a national capacity building and performance evaluation programme for civil servants.
 2. It will support a transition from “roles based to rules-based” HR management.
 3. It provides for a Public Human Resources Council headed by Cabinet Secretary for providing strategic direction to the task of Civil Services Reform.
- 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
60. Consider the following statements regarding the Lokpal and Lokayuktas Act, 2013:
1. A complaint under this act must pertain to an offence under the Prevention of Corruption Act, 1988.
 2. The Lokpal has jurisdiction to inquire into allegations of corruption against any society or trust receiving foreign contribution.
 3. The Lokpal does not need the prior sanction of the government for prosecution of a public servant.
- Which of the statements given above is/are correct?
- (a) 1 only
 - (b) 1 and 3 only
 - (c) 2 only
 - (d) 3 only
61. Which of the following reasons account for the shift of capital from Gulbarga to Bidar for the Bahmani Kingdom?
1. Bidar was more closely located to the Vijayanagara empire and hence provided an advantage to the Bahmani Kingdom during the conflict.
 2. Bidar was located on the banks of Krishna River and hence provided for rich fertile grounds.
 3. Bidar formed the point of convergence for the three linguistic areas namely - Marathi, Kannada, and Telugu.
- Select the correct answer using the code given below.
- (a) 1 only
 - (b) 2 and 3 only
 - (c) 3 only
 - (d) 1, 2 and 3
62. Consider the following statements with respect to Earth crust:
1. Continental crust is denser than Oceanic crust.
 2. Oceanic crust is thinner as compared to the continental crust.
 3. Earth's crust occupies around 1% of Earth's volume.
- 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
63. With which of the following trading partners, India currently maintains trade surplus?
1. USA
 2. Iraq
 3. United Arab Emirates
 4. China
- Select the correct answer using the code given below.
- (a) 1 and 3 only
 - (b) 1 and 2 only
 - (c) 2 and 4 only
 - (d) 1 only
64. Bureau of Energy Efficiency lays down the energy performance standards through its

Standards & Labelling Programme. Which of the following products have to mandatorily carry the energy performance labels?

1. Room Air Conditioners
2. Ceiling fans
3. Colour TV
4. Laptops

Select the correct answer using the code given below.

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

65. Which of the following are not a member of the Indian Ocean Commission (IOC)?

1. India
2. Seychelles
3. Sri Lanka
4. Comoros
5. Maldives

Select the correct answer using the code given below.

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

66. Permafrost, the perennially frozen soil in high latitude and altitude regions, has exhibited increased thawing due to global warming. Which of the following may be its consequences?

1. It may further aggravate global warming due to release of methane gas.
2. It may pose a threat to local ecosystems.
3. It may cause damage to local infrastructure.

Which of the statements given above is/are correct?

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

67. Which of the following is/are the part of the forensic analysis?

1. Mitochondrial DNA Analysis
2. Polygraph Test

3. Brain Electrical Oscillation Signature (BEOS) Profiling

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

68. Which of the following technologies will be enabled by the 5G mobile communication networks?

1. Internet of Things
2. Edge Computing
3. Network Slicing

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. Consider the following statements regarding International Commission of Jurists (ICJ):

1. It is an intergovernmental organization for defending the rule of law worldwide.
2. It is supported by an International Secretariat based in Geneva, Switzerland.

Which of the above statements is/are incorrect?

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

70. With reference to the Gram Nyayalayas or Village Courts established under Gram Nyayalayas Act, 2008, consider the following statements:

1. Village Courts exercise the powers of both Criminal and Civil Courts.
2. They are bound by the rules of evidence provided in the Indian Evidence Act, 1872.
3. An appeal against their decision lies to the High Court of the concerned state.

Which of the statements given above are not correct?

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

(d) 1, 2 and 3

71. Consider the following events:

1. Abolition of privy purse.
2. Declaration of secularism as the Basic Structure of the Constitution.
3. Replacement of word "internal disturbance" with "armed rebellion" in the context of national emergency.

Which of the following is the correct chronological sequence of the above events?

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

72. Consider the following statements regarding Bharatnatyam and Odissi dances:

1. While Bharatnatyam is completely based on Hindustani music, Odissi dance is based completely on carnatic music.
2. Tribhanga posture and hand mudras are found in Bharatnatyam and not in Odissi.
3. While Bharatnatyam originated in the temples of Tamil Nadu, Odissi dance had roots in village folk traditions.

Which of the statements given above is/are correct?

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

73. Consider the following events:

1. First Round table conference
2. Appointment of Simon Commission
3. Poona Pact
4. Communal Award

Arrange the events given above in chronological order:

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

74. With reference to Thermohaline circulation, consider the following statements:

1. It refers to the continuous replacement of seawater at depths with water from the surface.

2. It drives warmer surface waters polewards from the tropics.

3. It is faster than the wind-driven circulation of surface ocean currents.

Which of the statements given above is/are correct?

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

75. Which of the following norms were introduced by the Prudential Framework for Resolution of Stressed Assets by the Reserve Bank of India?

1. It makes it voluntary for banks to go for insolvency procedures
2. It extends to NPA resolution in Regional Rural Banks
3. The resolution plan of the stressed assets must be agreed upon by all the lenders.

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

76. With reference to the Essential Commodities Act, 1955, consider the following statements:

1. It empowers only the Central government to regulate the production, distribution as well as prices of any essential commodity.
2. Essential items under the act can only be included or removed by the Centre.
3. Petroleum and its products are not covered under this Act,

Which of the statements given above is/are correct?

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

77. With reference to thermoregulation in animals, consider the following statements:

1. In cold-blooded animals, the body temperature tends to match with the environmental temperature in which they live.

2. Human beings are cold-blooded species as they regulate their temperature according to the external environment.
3. Warm blooded animals require more food and energy as compared to cold blooded animals of the same weight.

Select the correct the answer using the code given below.

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

2. He must resign from his party membership upon joining the office to ensure non-partisanship.
3. He cannot suspend a member of the Lok Sabha without calling for adoption of motion.

Which of the statements given above is/are correct?

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

78. Consider the following statements:

1. Adjusted Gross Revenue (AGR) includes all revenues earned by a telecom company – including from non-telecom sources.
2. Department of Telecommunication has the power to regulate tariffs for the telecommunication sector in India.
3. Any dispute between two or more service providers is adjudicated by TRAI.

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

81. On the eve of the launch of Quit India Movement, Mahatma Gandhi gave some specific instructions to different groups of people. With reference to these instructions, consider the following statements:

1. He asked the government servants to resign.
2. He asked the soldiers to leave their posts.
3. He asked the princes of the Princely states to accept the sovereignty of their own people.

Which of the above statement is/are correct?

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

79. A caretaker government can be installed under which of the following circumstances?

1. When the office of the President becomes vacant
2. When the House is prematurely dissolved
3. When the party securing maximum seats in elections is yet to prove its majority on the floor of the house

Select the correct answer using the code given below.

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

82. Which of the following measure(s) was/were adopted by Congress ministries (1937-1939) to alleviate the suffering of peasants?

1. Setting up of Indian Peasants' Institute for peasants' welfare
2. Constitution of T. Prakasam committee to review land revenue systems
3. Introduction of Bengal Bargadars Temporary regulation bill

Select the correct answer using the code given below.

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

80. Consider the following statements regarding the office of Speaker in the Lok Sabha:

1. He is responsible for formulating the rules of the joint sitting of the house after consultation with Chairman of the Rajya Sabha.

83. The drainage pattern of an area depends upon which of the following factors:

1. geological time period
2. structure of rocks

3. amount of water flowing

4. periodicity of the flow

Select the correct answer using the code given below.

(a) 1, 2 and 4 only

(b) 1 and 3 only

(c) 2, 3 and 4 only

(d) 1, 2, 3 and 4

84. With reference to liabilities of the Central Government, consider the following statements:

1. It comprises of debt contracted against the Consolidated Fund of India as well as liabilities in the Public Account.

2. Total liabilities of the Central Government, as a ratio of GDP, have gradually declined in the last decade.

Which of the statements given above is/are correct?

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

85. In the context of Indian economy, consider the following statements

1. Headline inflation has been higher than core inflation in the last two years.

2. CPI combined has been higher than WPI in the last two years.

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

86. Which of the following is/are the possible impacts of excess carbon in the atmosphere?

1. Drastic decrease in plant productivity

2. Glacial melt

3. Increase in the pH level of Ocean

Select the correct answer using the code given below.

(a) 2 only

(b) 1 and 3 only

(c) 2 and 3 only

(d) 1, 2 and 3

87. Due to some reasons, if there is a huge fall in the population of species of bees, what could be its likely consequence/consequences?

1. Extinction of some plant and animal species.

2. Decrease in crop yields.

3. Increase in incidences of floods.

Select the correct answer using the code given below.

(a) 1 only

(b) 2 and 3 only

(c) 1 and 2 only

(d) 1, 2 and 3

88. Which of the following applications/phenomena are based on the Doppler effect?

1. Echolocation by bats.

2. Sonic boom

3. Police radar for measuring the speed of vehicles

Select the correct answer using the code given below.

(a) 1 and 2 only

(b) 1, 2 and 3

(c) 3 only

(d) 1 and 3 only

89. If the President of India declared the national emergency under Article 352 of the constitution on the ground of "external aggression" then:

1. He can reduce but cannot cancel the revenue transfer from the centre to state.

2. He can issue ordinances on state subject if Parliament is not in session.

3. He can suspend the right to move to any court for enforcement of Fundamental rights under article 359 without the approval of Parliament.

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

90. Panchayati Raj Institutions in India receive funds through which of the following sources?

1. Devolution of funds from state government based on recommendations of State Finance Commission.
2. Allocation of specific funds from the union government for centrally sponsored schemes.
3. Taxes on the sale and purchase of local language newspapers and the advertisements published in them.

Select the correct answer using the code given below.

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

91. "He was the first editor of Tattwabodhini Patrika journal. He was associated with Brahmo Samaj. He worked for the propagation of scientific modern outlook in the society. Instead of depending on the scriptures, he cited medical opinion against Child marriage. He advocated courtship before marriage, partnership and equality as the basis of married life and divorce by both law and custom."

The above paragraph refers to who among the following social reformers?

- (a) Akshay Kumar Dutt
- (b) Keshub Chandra Sen
- (c) Debendranath Tagore
- (d) Raja Rammohan Roy

92. Which of the following is not a characteristic feature of the Steppe type of Climate?

1. In the northern hemisphere, only continental grasslands are found.
2. Regions in Southern Hemisphere experiences precipitation all throughout the year due to maritime influence.
3. Chinook is a hot southerly wind in Switzerland providing relief from severe winters.

Select the correct answer using the code given below.

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

93. Consider the following statements regarding receipts of Central Government:

1. Currently tax revenue forms the major component of non-debt receipts of the Central Government.
2. Corporate taxes have been the largest source of tax revenue in the last five years.

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

94. "It is a type of security that involves a collection of securities such as stocks that often tracks an underlying index such as Sensex. They are listed on the stock market and traded throughout the day. They offer comparatively low expense ratios."

Which of the following investment type is being referred to in the above-given passage?

- (a) Venture Capital Funds
- (b) Exchange Traded Funds
- (c) Sweet Equities
- (d) Gilt edged securities

95. High-altitude adaptations in humans in some areas of Asia, Africa, etc. are characterised by which of the following?

1. High haemoglobin concentration in the blood
2. Decrease in the diameter of the blood vessel to increase the pumping of blood
3. Enlarged lung volume

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. Under which of the following conditions, a Chief Minister is eligible to vote in the Presidential election?

1. If he is the Chief Minister of the Union Territory of Delhi
2. If criminal charges are levelled against him

3. He is a member of the Legislative Council
Select the correct answer using the code given below.

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

97. Consider the following statements:

- 1. Constitution has empowered the Union government to levy a tax on inter-state supply of goods and services.
- 2. Finance commission distributes the revenue collection between centre and state on interstate supply of goods and services.

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

98. Which of the following is/are functions of the liver?

- 1. Regulation of the glucose levels in the blood
- 2. Production of bile
- 3. Production of cholesterol in the body

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) 2 only

99. Consider the following statements with reference to Extra Budgetary Resources (EBR):

- 1. EBRs are those financial liabilities that are raised by public sector undertakings on behalf of the Central Government.
- 2. Higher is the EBRs, higher is the fiscal deficit of the government.

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

100. Which of the following statements is/are correct with reference to Employment elasticity?

- 1. It measures the change in employment associated with a unit change in economic growth.
- 2. A falling employment elasticity can be considered as an indicator of industrial automation.

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