



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.

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



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1. Consider the following statements.
 1. Most of the east and north-east margins of the continents are covered by temperate evergreen and deciduous trees.
 2. Mediterranean vegetation is most likely to be found in the west and south-west margins of the continents.Which of the above is/are correct?
 - (a) 1 only
 - (b) 2 only
 - (c) Both 1 and 2
 - (d) None
2. The adaptations that help guard a desert animal from the harsh and hot surroundings include
 1. storage of fat in humps or tails
 2. big ears
 3. light-coloured coats
 4. absence of sweat glandsSelect the correct answer using the codes below.
 - (a) 1, 2 and 3 only
 - (b) 1 and 4 only
 - (c) 1, 2, 3 and 4
 - (d) 2 and 3 only
3. Consider the following statements.
 1. Temperate grass is longer but much less nutritious than those of Tropical Savannas.
 2. Temperate grasslands receive higher rainfall than the Savannas.
 3. Temperate Grasslands are found in the mid-latitudinal zones and in the interior part of the continents, whereas Savannas can be found around the equator and extend till the tropics.Select the correct answer using the codes below.
 - (a) 1, 2 and 3
 - (b) 1 only
 - (c) 3 only
 - (d) 2 and 3 only
4. Which of the following elements depict that the Indus Valley civilization showed intellectual development among humans?
 1. Metallurgy
 2. Philosophical Systems
 3. Standardized systems of weights
 4. Developments in science and medicineSelect the correct answer using the code given below.
 - (a) 1 and 3 only
 - (b) 1, 3 and 4 only
 - (c) 2 and 4 only
 - (d) 1, 2, 3 and 4
5. Consider the following statements with reference to the prevailing socio-political and economic conditions during Mauryan era in ancient India:
 1. Mauryan empire was largely a centralized bureaucratic empire.
 2. The State attempted to establish a cultural homogeneity.
 3. Arthashastra mentions the use of different kinds of iron during the Mauryan era.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

6. Consider the following statements with reference to green manures:

1. They are crops grown specifically for building and maintaining soil fertility.
2. They promote the growth of weed seedlings.
3. They improve the quality of soil by adding nitrogen.
4. Clusterbeans, Dhaincha and Sunnhemp are important green manures.

Which of the statements given above is/are correct?

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

7. Consider the following statements:

1. In India, the gestational limit for termination of a pregnancy of a woman is up to 20 weeks in all cases.
2. The Medical Termination of Pregnancy (Amendment) Act, 2021, has made permission from courts mandatory for all cases of termination of pregnancy.
3. The right of a woman to make reproductive choices is protected by Article 21 of the Indian Constitution.

Which of the statements given above is/are correct?

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

8. "Operation Satark", recently launched by Indian Railways, is aimed at

- (a) helping passengers to get back their lost luggage

- (b) taking stringent action against human trafficking through railways
- (c) taking action against illicit items transported through railways
- (d) curbing the illegal sale of tickets by touts

9. Consider the following statements regarding Atmospheric Pressure:

1. It is the force per unit area exerted against a surface by the weight of the air below that surface down to the Sea Level.
2. As we go vertically upwards, we feel lower pressure.

Which of the above statements is/are correct?

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

10. Which of the following evidences support the Continental Drift Theory?

1. Matching of Africa and South America continents.
2. Rocks of the same age across the oceans.
3. Absences of source rock in the region of rich placer deposits
4. Distribution of fossils

Select the correct answer using the code given below:

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

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 is/are some of the most common reproductive structures formed in several algae and fungi, excluding in sponges?
1. Zoospores
 2. Conidia
 3. Gemmules
- Select the correct answer using the codes below.
- (a) 1 only
(b) 1 and 2 only
(c) 2 and 3 only
(d) 1, 2 and 3
13. Single Cell Protein (SCP) is advantageous over conventional food production methods because of which of the following factors?
1. Considerably less land use
 2. Global greenhouse gas emissions reduction
 3. Low water footprint
- Select the correct answer using the codes below.
- (a) 1 and 2 only
(b) 2 only
(c) 1 and 3 only
(d) 1, 2 and 3
14. Consider the following statements.
1. Cyanobacteria are heterotrophic microbes.
 2. Anabaena and Nostoc are examples of cyanobacteria.
 3. Cyanobacteria can serve as a biofertilizer.
- Select the correct answer using the codes below.
- (a) 3 only
(b) 1 and 2 only
(c) 2 and 3 only
(d) 1, 2 and 3
15. Which of the following statements is not correct with reference to Indian Constitution?
- (a) Freedom of religion also includes the freedom of conscience.
(b) Restrictions can be imposed on the freedom of religion in order to protect public order, morality and health.
(c) The Constitution prohibits persuading people to convert from one religion to another.
(d) The Government can interfere in religious matters for social reforms.
16. Consider the following statements with respect to Anti-defection Law:
1. The President is the authority who takes final decisions on all anti-defection cases.
 2. If a member remains absent in the House even when asked by the party leadership to remain present, it is deemed as defection.
- 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 National Investigation Agency (NIA), consider the following statements:
1. It can enter a state without permission of the State Government for investigation of offences.
 2. Its jurisdiction applies to Indian citizens residing in India only.
 3. The Central Government can suo motu direct NIA to investigate a scheduled offence.
- 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:
1. Any speech delivered to insult citizens' religious beliefs is punishable under law in India.
 2. The term, Hate Speech & Blasphemy, is mentioned as a reasonable restriction to the Fundamental Right to Freedom of Speech and Expression.

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

19. Consider the following statement regarding Central Bank Digital Currency (CBDC):

1. CBDC is a digital fiat currency that can be used to settle a public or private debt or meet a financial obligation.
2. They are based on distributed ledger technology.
3. India recently launched e-RUPI as its first CBDC.
4. CBDC can reduce the high Currency to GDP ratio.

Which of the above statements is/are correct?

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

20. Consider the following statements regarding the Bank Rate:

1. Bank Rate is the rate at which the Reserve Bank is ready to rediscount bills of exchange or other commercial papers.
2. It changes automatically when the MSF rate changes alongside policy repo rate.
3. It is the rate that must be 100 basis points above the policy repo rate.

Which of the above statements is/are correct?

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

- (d) 1, 2 and 3

21. Consider the following statements regarding Capital Adequacy ratio (CAR):

1. It is the ratio of a bank's total capital to its total risk weighted assets and current liabilities.
2. Tier I capital consists mainly of share capital and disclosed reserves and it is a bank's highest quality capital because it is fully available to cover losses.
3. The requirement of CAR in India is more than that required in the Basel III norms.

Which of the above statements is/are correct?

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

22. Consider the following statements regarding Punch-marked coins:

1. The first gold coins were issued in the first century CE by the Kushanas.
2. The first coins to bear the names and images of rulers were issued by the Indo-Greeks.
3. Tribal republics were denied rights to issue coins.

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

23. Which of the following was/were the works of Krishnadevaraya?

1. Manucharitam
2. Amukthamalyadha
3. Jambavati Kalyanam
4. Harikathasaram

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 and 4 only
24. Which one of the following statements best reflects the issue prevalent in the Aegean Sea, sometimes mentioned in the news?
- Italy has claimed rights of exploration over the entire Aegean Sea.
 - It is a cause of maritime disputes among Balkan countries.
 - Turkey has objected to the military presence of Greece in the sea.
 - Japan has objected to the creation of an artificial island in the sea by China.
25. "Partners in the Blue Pacific Initiative", sometimes seen in the news, is launched to
- improve trade balance of ASEAN countries with rest of the world.
 - make the Indo-Pacific a nuclear-free zone.
 - reduce pollution from microbeads in the Pacific Ocean.
 - boost diplomatic and economic ties in the Pacific region amid China's aggressive approach.
26. "Climate Club", sometimes seen in the news, is a
- consortium of non-governmental organizations that aims to contribute to the development of climate resilient technologies.
 - group of like-minded countries with the vision of completely abolishing the usage of fossil fuels by 2035.
 - group of nations that want to take more decisive climate action and combat global warming.
 - group within the United Nations that opposes common but differentiated responsibilities with respect to climate change.
27. Consider the following statements with reference to Millets:
- These are small-seeded annual grasses that are grown in temperate, sub-tropical and tropical regions.
 - These are more water intensive than rice.
 - There has been a decrease in the area under cultivation of millets post-Green Revolution in India.
 - The United Nations has declared 2023 as the International Year of Millets.
- Which of the statements given above is/are correct?
- 1, 2 and 3 only
 - 1, 3 and 4 only
 - 4 only
 - 1, 2, 3 and 4
28. Which of the following is/are the evidences for Seafloor Spreading?
- Rocks on either side of the crest of oceanic ridges having equidistant locations have similar properties.
 - The rocks of the oceanic crust near the oceanic ridges are much younger than the rocks of the continental crust.
- Select the correct answer using the codes given below:
- 1 only
 - 2 only
 - Both 1 and 2
 - Neither 1 nor 2
29. Consider the following statements:
- Silicates are the most abundant rocks and minerals in both oceanic and continental crust.
 - Basalts are a sima rocks whereas, granites are a sial rocks.
 - The transition zone between these two types of crust is called the Moho discontinuity.
 - Cratons are the most stable part of the oceanic lithosphere.

Which of the above statements are correct?

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

30. Which of the following statements regarding "Polio" is/are correct?

- 1. It is a virus that attacks the nervous system of an individual.
- 2. Globally Type 1 poliovirus is found in Afghanistan, Nigeria and Pakistan only.
- 3. Type 2 and Type 3 poliovirus have been eradicated globally.

Select the correct option using the codes given below:

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

31. Which of the following statements is/are correct about Hypothermia?

- 1. Hypothermia is a severe medical condition where the body loses heat before it can generate it resulting in a dangerously low body temperature.
- 2. Alcohol can decrease the core temperature of the body and increase the risk of hypothermia during cold exposure.

Select the correct option using the codes given below:

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

32. Which of the following is/are uses of Teflon?

- 1. Nonstick coating on pans and other cooking wares
- 2. Lubricant in machines
- 3. Graft material in surgical interventions

Select the correct answer using the codes below:

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

33. Consider the following statements regarding Article 21 of the Indian Constitution:

- 1. Due Process of Law is now explicitly mentioned in the Article 21.
- 2. Article 21 is inherently related with Article 19 and Article 14.
- 3. Power of 'Judicial Review' has been expanded with Maneka Gandhi judgement, hence, it has got equal to power given to US Supreme Court.

Which of the statements given above are correct?

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

34. Which of the following describes the correct procedure prescribed in the Constitution of India for the revocation of a State Emergency operational in a State?

- (a) It can be revoked by passing a bill in the Rajya Sabha.
- (b) It can be revoked by the written recommendation of the Governor of the State.
- (c) It can be revoked by the subsequent proclamation by the President himself/herself.
- (d) It can only be revoked by completing its duration decided by both houses of the Parliament, if not extended further.

35. Which of the following statements is/are correct regarding the Ordinance-making power of the President?

- 1. President can issue an ordinance only when both the Houses of Parliament are not in the session.

2. An ordinance issued after the President's satisfaction about its necessity can be questioned in a court on the ground of malafide.
3. The ordinance ceases to be operative only when either of the House of Parliament dismisses it.

Select the correct answer using the following code:

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

36. Consider the following statements regarding the Financial Bills:

1. All money bills are financial bills but all financial bills are not money bills.
2. All Financial bills require prior recommendation of President for its introduction.
3. Financial bills are governed by the same legislative procedure applicable to an ordinary bill.

Which of the above statements is/are incorrect?

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

37. Arrange the following Greenhouse Gases (GHGs) according to their Global Warming Potential in ascending order:

1. Carbon dioxide
2. Hydrofluorocarbons
3. Methane
4. Nitrous oxide

Select the correct answer using the code given below:

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

38. Which of the following are the possible environmental impacts of ozone depletion?

1. Development of cataracts in humans
2. Alteration in biogeochemical cycles of trace gases
3. Reduction in phytoplankton
4. Reduces the life of synthetic polymers

Select the correct answer using the code given below:

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

39. Consider the following statements with reference to the Wet Bulb Temperature (WBT):

1. It is the lowest temperature to which air can be cooled by the evaporation of water.
2. Temperature higher than the WBT cools down the internal body temperature of humans.
3. The WBT is lower than the dry bulb temperature.

Which of the statements given above is/are correct?

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

40. Recently, the fuel tax regime in India has ignited the debate regarding the progressive and regressive taxation. With reference to this, consider the following statements:

1. A progressive tax is one, in which the average rate of tax increases as income decreases.
2. A regressive tax is the one, in which the average rate of tax decreases as income increases.
3. Income Tax system in India is a progressive one.

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
41. Which of the following items are included in the 'non-Debt Capital Receipts' of an economy?
1. Recovery of loans and advances
 2. Issue of bonus shares
 3. Treasury bills
 4. State provident funds
 5. Disinvestment
- Select the correct answer using the code given below:
- (a) 1, 2, and 5 only
(b) 1, 3, and 4 only
(c) 2, 4, and 5 only
(d) 1, 2, 3, 4, and 5
42. The Programme Implementation Wing of the Ministry of statistics and programme implementation overlooks which of the following programs?
1. Twenty Point Programme
 2. Infrastructure Monitoring and Project Monitoring
 3. Member of Parliament Local Area Development Scheme
 4. Saansad Adarsh Gram Yojana
- Select the correct answer using the code given below:
- (a) 1 and 2 only
(b) 1, 2 and 3 only
(c) 2, 3 and 4 only
(d) 1, 3 and 4 only
43. With reference to Indian Bronze Sculpture, consider the following statements:
1. The 'Dancing Girl' from Mohenjo-Daro is the world's oldest bronze sculpture.
 2. Chaturanana is the four-headed sculpture of Vishnu Bronze worshiped in Himachal Pradesh and Kashmir regions.
3. Portrait sculptures made of bronze were made during the Pallava period.
- 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
44. Consider the following statements regarding the Vesara School of Architecture:
1. It combines the features of both Nagara School and Dravidian School.
 2. Hoysala, Rashtrakutas, and Pallavas patronized this school.
 3. The ambulatory passageway around the sanctum sanctorum is absent in this style.
- Which of the above statements is/are correct?
- (a) 1 only
(b) 2 and 3 only
(c) 1 and 3 only
(d) 1, 2 and 3
45. With reference to Indian revolutionary freedom fighter Alluri Sitharama Raju, consider the following statements:
1. He led the Rampa Rebellion against the Madras Forest Act of 1882.
 2. He was inspired by the Non-Cooperation Movement and persuaded people to wear khadi and give up drinking.
 3. He fought for the cause of Podu cultivation.
- 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
46. With reference to Zika virus, consider the following statements:
1. It is a mosquito-borne flavivirus that was first identified in monkeys.

2. It can cause Guillain-Barré syndrome in infants.
3. There is no licensed vaccine available to prevent Zika virus infection.
4. A person can be co-infected with Zika virus and Dengue.

Which of the statements given above are correct?

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

47. "Common Reporting Standard" (CRS) sometimes mentioned in the news is a

- (a) Indian Accounting Standard framed by the NITI Aayog
- (b) standard for the automatic exchange of information on financial accounts
- (c) financial crime reporting mechanism developed by the Financial Action Task Force (FATF)
- (d) climate action monitor launched by the International Panel of Climate Change

48. The term 'Nine-Dash Line', sometimes mentioned in the news, is a

- (a) region in the Arctic Sea which is highly susceptible to impacts of climate change
- (b) area where China claims sovereignty and control in the South China Sea
- (c) portion in the Pacific Ocean which has higher concentration of plastic pollution
- (d) area with disputed group of islands between Russia and the United Kingdom

49. Fluvial processes sculpt the landscape, eroding landforms, transporting sediment, and depositing it to create new landforms in this context, which of the following are examples of Bird foot delta in India?

1. Ganga-Brahmaputra delta
2. Mahanadi delta
3. Krishna delta
4. Godavari delta

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

50. Which of the following are the depositional coastal landforms:

1. Tombolo
2. Beaches
3. Cliffs
4. Spits
5. Caves

Which of the statements given above is/are correct?

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

51. Which of the following are the factors that favour the Mass wasting?

1. Steep slopes and cliffs
2. Large variations in temperature
3. Closely spaced joints
4. Denser vegetation cover
5. Heavy rainfall

Select the correct answer using the code given below:

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

52. Which of the following statements is/are correct regarding Fold Mountains?

1. This type of mountains is associated with continental crust.
2. The fold mountain is formed at continental collision zones.
3. These are formed under low pressure and relatively high temperatures.
4. The Alps is an example of the Fold Mountains.

Select the correct answer using the codes given below:

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

53. With reference to the different types of 'Mirrors', consider the following statements:

- 1. Convex mirrors are used in torches, searchlights and vehicles headlights.
- 2. Concave mirrors are often used as shaving mirrors.
- 3. Convex mirrors give a wider field of view.

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

54. With reference to the atomic clocks, consider the following statements:

- 1. These are used to measure the distance between two objects in space.
- 2. These use resonance frequencies of atoms to keep time with extreme accuracy.
- 3. These are used on-board GPS satellites that orbit the Earth.
- 4. These are radioactive as they rely on atomic decay.

Which of the statements given above are correct?

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

55. Consider the following statements:

- 1. Sky wave communication can be achieved by ionospheric reflection of radio waves back towards the earth.

2. Space waves are used for line-of-sight (LOS) communication as well as satellite communications.

3. Electromagnetic waves of frequencies lower than 30 MHz penetrate and escape the ionosphere.

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

56. Consider the following statements:

- 1. Fermions are the particles that make up matter while bosons are the particles that carry forces.
- 2. Unlike bosons, an unlimited number of fermions can collect into same energy state at low temperature.
- 3. Fermions include electrons, protons and neutrons while bosons include photons and gluons.

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

57. With reference to the Constituent Assembly, consider the following statements:

- 1. The Constituent Assembly was formulated under the Cabinet Mission Plan post Independence.
- 2. The elections to the Constituent Assembly were conducted under the system of separate electorate based on the community.
- 3. The Constituent Assembly became sovereign body only after Indian Independence Act, 1947 was enacted.

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

- (a) 2 and 3 only

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

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

58. Which of the following statements regarding the Comptroller and Auditor General of India are correct?

1. The format of 'Oath and Affirmations' as well as the 'procedure of removal' for the CAG are same as of the Judges of the Supreme Court of India.
2. He compiles and maintains the accounts of the Central Government.
3. He can audit the accounts of Panchayati Raj Institutions and Urban Local Bodies but with the permission of the State government.
4. The accounts of the District Council and the Regional Council are kept in such form as the CAG may prescribe, with the approval of the President.

Select the correct answer using the code given below:

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

59. Which of the following statements regarding Doctrine of Ancillary Powers are correct?

1. It provides that the power to legislate on a subject also includes the power to legislate on ancillary matters that are reasonably connected to that subject.
2. The doctrine focuses on such an interpretation of the words in the statute to provide them a liberal and the widest interpretation.
3. The power of the Parliament to make incidental provisions related to the creation of Legislative Council of State under Article 169 is justified by this doctrine.

Select the correct answer using the code given below:

60. Which of the following statements regarding Zero hour and calling attention motion is/are correct?

1. Zero hour is an informal device available to members of parliament to raise matter without any prior notice whereas calling attention motion used to call the attention of minister to a matter of urgent public importance.
2. Unlike calling attention motion, zero hour is mentioned in the rule of procedure.

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

61. Consider the following statements with reference to Harmful Algal Blooms (HAB):

1. Cyanobacteria and dinoflagellates can cause HABs in marine water.
2. The duration of a HAB event can range from a few weeks to longer than a year.
3. These cause the depletion of carbon dioxide in the water.

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

62. Which one of the following statements best defines the term 'Biosphere'?

- (a) It is a distinct biogeographical unit consisting of a biological community that has formed in response to a shared regional climate.

- (b) It is a specific geographic area where plants, animals, and other organisms, as well as weather and landscape exist together.
- (c) It is a relatively thin life-supporting stratum of Earth's surface, extending from a few kilometers into the atmosphere to the deep-sea vents of the ocean.
- (d) It is an area where a group of organisms usually of the same species, occupy a defined area during a specific time.

63. Consider the following:

1. Spiky or glossy leaves in plants to reduce water loss
2. Shallow plant roots that spread over a short area
3. Nocturnal habit of animals to avoid the sun's heat
4. Long legs in animals and birds

Which of the above adaptations are seen in plants and animals to cope with arid conditions?

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

64. Consider the following statements regarding fertilizer subsidy regime in India:

1. The purchase is made by the farmer at a price below demand-and-supply-rate of the fertilizers.
2. Fertilizer subsidy ultimately goes to the fertilizer company, even though it is the farmers that get benefits.
3. The companies are paid in bulk without the actual sale to the farmer so as to encourage production.

Which of the statements given above is/are correct?

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

65. Which of the following statements is correct regarding Transfer Payments?

- (a) They are receipts which the residents of a country receive for free, without having to make any present or future payments in return.
- (b) It is a tool to redistribute income and wealth in an economy.
- (c) Remittances, gifts and grants, and government subsidies are considered as transfer payments.
- (d) It is included under revenue expenditure while calculating Gross Domestic Product.

66. The Ministry of Railways has introduced private sector participation in operation of passenger train services. In this context, consider the following statements:

1. The private operator shall be responsible for financing, procuring, operation and maintenance of the trains.
2. This will reduce demand supply deficit in the passenger transportation sector and provide world class travel experience to passengers.
3. The private entity will operate these trains for a maximum period of five years by giving only a share in Gross Revenue to Indian Railways.

Which of the statements given above is/are correct?

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

67. Which of the following may lead to cost push inflation?

1. Increase in petrol prices
2. Rise in household consumption due to availability of cheaper credits
3. Natural disasters like cyclones
4. Decline in agricultural output due to floods

Select the correct answer using the code given below:

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

68. Which of the following statements is incorrect regarding to the phenomenon of drain of wealth experienced during British rule?

- (a) Salaries and pensions of British officials was a major component of the drain of wealth.
- (b) The drain theory was put forward by Dadabhai Naoroji in his book The Economic History of India.
- (c) It resulted in loss of employment in India.
- (d) The drain of wealth was estimated to be half the total government revenue.

69. Consider the following statements regarding Sahibzada Zorawar Singh and Sahibzada Fateh Singh:

- 1. They were the revolutionary freedom fighters associated with the Hindustan Republican Association.
- 2. 'Veer Baal Diwas' will be observed on 26th December to mark the martyrdom of Sahibzada Zorawar Singh Ji and Sahibzada Fateh Singh Ji.

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

70. Which of the following organisations have been established by Dr. Bhimrao Ambedkar?

- 1. All India Anti-Untouchability League
- 2. Bahishkrit Hitakarini Sabha
- 3. All India Scheduled Caste Federation
- 4. Independent Labour Party
- 5. Depressed Classes Federation

Select the correct answer using the code given below:

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

71. 'Pilbara Craton' of western Australia was recently seen in the media because of

- (a) huge reserves of uranium
- (b) evidence of new dinosaur species
- (c) an ozone hole observed in the area
- (d) remnants of an ancient crust from a meteorite impact

72. The terms 'Beejamrit, Jeewamrit and Neemastra' are often seen in the media in the context of which one of the following?

- (a) Natural Farming
- (b) Farmer Income Support Plans
- (c) Artificial Insemination for Cattles breeding
- (d) Tree plantation plan to increase forest cover

73. Which of the following is the primary reason for the seasons on the Earth?

- (a) Earth's rotation
- (b) Earth's sphericity
- (c) Ellipticity of the Earth's orbit around the Sun
- (d) Earth's tilting on its axis

74. Consider the following conditions:

- 1. High humidity in the lowest layers of air
- 2. Absence of strong wind
- 3. Clear Sky
- 4. Cold Nights

Which of the conditions given above are ideal for formation of dew?

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

75. Consider the following factors:

1. Earth's rotation
2. Moon's gravitational pull
3. Local winds
4. Shape of the shoreline

Which of the above given factors affects the formation of tides?

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

76. Coal tar is used in the manufacturing of which of the following products?

1. Synthetic dyes
2. Drugs
3. Explosives
4. Perfumes
5. Plastics
6. Paints

Select the correct answer using the code given below:

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

77. Consider the following:

1. Calcium Oxide
2. Tin Oxide
3. Aluminium Oxide
4. Carbon Dioxide
5. Zinc Oxide

Which of the above oxides react with both acids and bases?

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

78. Consider the following statements:

1. Iron does not burn on heating but iron filings burn vigorously.
2. Copper does not react with steam and water.

3. Gold and silver are highly reactive to oxygen at high temperatures.

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

79. The makers of the Indian Constitution preferred the phrase 'Union of States' over 'Federation of States'. Which one of the following reflects the rationale behind it?

- (a) Parliament has authority over Concurrent and State list of the Seventh Schedule of the Constitution
- (b) Union of India is indestructible in nature as States do not have the right to secede
- (c) India was formed as a result of agreement between states before its independence
- (d) There is integrated judicial and election machinery in India

80. Which of the following Fundamental Rights are available only to Indian citizens and not to foreigners?

1. Prohibition of discrimination on grounds of religion, race, caste, sex or place of birth
2. Freedom to manage religious affairs
3. Right of minorities to establish and administer educational institutions
4. Protection in respect of conviction for offences

Select the correct answer using the code given below:

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

81. Consider the following statements:

1. Procedural justice refers to the impartiality of the procedures that are used to frame a law.

2. Substantive justice refers to the fairness of the outcome of laws, policies and decisions.
3. Right-based justice is seen as procedural justice whereas need-based justice is seen as substantive justice.

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

82. Consider the following statements:

1. An organism with a narrow tolerance range is said to be "eury" whereas, that with a wide tolerance range is said to be "steno".
2. The tolerance ranges against all the abiotic factors comprise the organism's niche.
3. An overwhelming majority of animals and nearly all plants cannot respond to the intolerant factors by homeostasis.

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

83. Which of the following are the causes of Biodiversity Loss?

1. Habitat Loss and Fragmentation
2. Over-exploitation of natural resources
3. Alien Species Invasions
4. Co-extinctions

Select the correct answer using the code given below:

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

84. An ecosystem can be defined as a functional unit of nature. Which of the following functions are performed by an ecosystem?

1. Decomposition
2. Nutrient Cycling
3. Energy Flow
4. Production

Select the correct answer from the code given below:

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

85. Which of the following describe the India's monetary policy before 1991?

1. Administered interest rates
2. Monetary policy was independent of the fiscal policy
3. Lack of transparency
4. Over-regulated

Select the correct answer from the code given below:

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

86. Which of the following does not constitute the primary factor responsible for agriculture being low on the technological end in India?

- (a) The small size of the landholdings
- (b) Dependence on monsoon for irrigation
- (c) Low investment
- (d) Lack of robust insurance policy and its fruitful implementation

87. Consider the following statements regarding 'employment elasticity':

1. It is a measure of the percent change in employment associated with a unit percentage point change in economic growth.
2. Construction has higher employment elasticity than agriculture.

Which of the statements given above is/are incorrect?

- (a) 1 only

- (b) 2 only
(c) Both 1 and 2
(d) Neither 1 nor 2
88. Which of the following was/were the reason(s) for choosing salt as the important theme during the Civil Disobedience Movement?
1. Salt, in a flash, linked the ideal of Swaraj with a most concrete and universal grievance of the rural poor.
 2. It offered to the urban populace the opportunity of a symbolic identification with mass suffering.
- Select the correct answer using the code given below:
- (a) 1 only
(b) 2 only
(c) Both 1 and 2
(d) Neither 1 nor 2
89. Consider the following statements about territorial re-organization during Lord Curzon's Viceroyalty:
1. Curzon created a new province of North-West Frontier Province.
 2. Berar region was merged with Bombay province.
 3. He created the province of East Bengal and Assam.
- 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
90. In the context of modern history, 'The Lightning conductor and conspiracy' theory was related to
- (a) Revolutionary movements of Western India during 1920s
 - (b) Komagatu Maru incident
 - (c) Establishment of INC
 - (d) INA revolt
91. Consider the following statements regarding Lahore session of INC.
1. Complete independence became aim of congress
 2. It was presided by Jawahar Nehru
 3. INC supported Round table conferences
 4. Swarajya Day celebrated on 15th august 1930
- Which of the statements given above is/are correct?
- (a) 2 and 4 only
(b) 1 and 2 only
(c) 3 and 4 only
(d) 1 and 4 only
92. 'Carbon Bombs', sometimes seen in the news, refers to
- (a) a biological weapon recently used in the Russia-Ukraine conflict
 - (b) a release of dense carbon material from a volcanic eruption
 - (c) an oil and gas project that will result in significant global warming in the near future
 - (d) an accumulation of decomposed material that is harmful to specific types of soil
93. The term 'Terminator' or the 'Boyevaya Mashina Podderzhki Tankov (BMPT)', recently seen in the news, refers to
- (a) strategic Long Range Cannon development programme of Kazakhstan
 - (b) nuclear powered stealth submarine under construction by North Korea
 - (c) guided missile destroyer deployed by Ukrainian armed forces
 - (d) tank support fighting vehicle developed by Russia
94. Arrange the following places in increasing order of the Coriolis Effect they observe:
1. Mumbai
 2. Bengaluru
 3. Chennai
 4. Hyderabad

Select the correct answer using the code given below:

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

95. Consider the following statements with respect to the Karnataka Plateau Region:

1. Its northern portion include parts of Deccan plateau.
2. It is made up of the very old Dharwar igneous and metamorphic rock.
3. The northern part of the Karnataka is called Malnad.
4. Sandalwood, bamboo, charcoal, etc. are some of the valuable products of the dense forests of this region.

Which of the above statements is/are correct?

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

96. Consider the following statements:

1. Coal ash contains arsenic, lead and mercury.
2. Coal-fired power plants release sulphur dioxide and oxides of nitrogen into the environment.
3. High ash content is observed in Indian coal.

Which of the statements given above is/are correct?

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

97. Consider the following statements:

1. A Mutagen is an agent of substance that can bring about a permanent alteration to the physical composition of a DNA gene.

2. Mutation can result in changes in both genotype and phenotype of the organisms.
3. Sunlight is a form of mutagen that induces mutation of genes.

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

98. Which of the following statements is/are correct regarding the Ghadr Party?

1. The Ghadr programme was to organize assassinations of officials.
2. The revolutionaries of this party also included peasants who had migrated from the Punjab to the USA and Canada.
3. Ghadr revolutionary activists had set up a 'Swadesh Sevak Home' at Seattle and 'United India House' at Vancouver.

Select the correct answer from the codes given below:

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

99. With reference to the Desai-Liaqat Pact, which of the following statement(s) is/are correct?

1. It proposed that an equal number of persons will be nominated by the Congress and the League in the central legislature.
2. It proposed for a minimum of 40 percent reserved seats for minorities in interim government.
3. No settlement could be reached between the Congress and the League on the Pact.

Select the correct answer using the codes given below:

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

(d) 1 and 2 only

100. According to Mahatma Gandhi, what is the role of 'charkha' in India's freedom struggle?

1. It will control the uncontrolled growth of modern machinery and mechanization.
2. It would liberate people from exploitation of colonialism and capitalism.
3. The act of spinning focused on decreasing the role of manual labour.

Select the correct answer using the code given below:

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

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