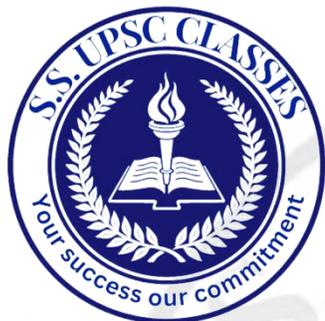


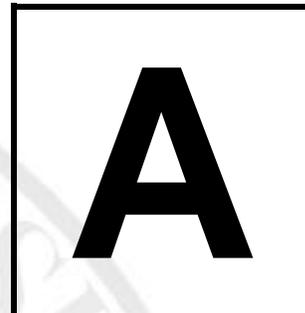
DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE TOLD TO DO SO

SSUPSC0036

Test Booklet Series



TEST BOOKLET
GENERAL STUDIES
PAPER - I



Time Allowed : Two 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.
2. ENCODE CLEARLY THE TEST BOOKLET SERIES CODE A, B, C OR D AS THE CASE MAY BE IN THE APPROPRIATE PLACE IN THE ANSWER SHEET.
3. You have to enter your Roll Number on the Test Booklet in the Box provided alongside this line. DO NOT write anything else on the Test Booklet.
4. This Test Booklet contains 100 questions. Each question is printed in English. Each item 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.
5. All items carry equal marks.
6. Penalty for wrong answers: THERE WILL BE PENALTY FOR WRONG ANSWERS MARKED BY A CANDIDATE IN THE OBJECTIVE TYPE QUESTION PAPERS.
 - I. There are four alternatives for the answer to every question. For each question for which a wrong answer has been given by the candidate, One-Third of the marks assigned to that question will be deducted as penalty.
 - II. 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 be same penalty as above to that question.
 - III. 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 TEST BOOKLET UNTIL YOU ARE TOLD TO DO SO

Q 1. With reference to Indian history, consider the following statements:

1. The Dutch established their factories/warehouses on the east coast on lands granted to them by Gajapati rulers.
2. Alfonso de Albuquerque captured Goa from the Bijapur Sultanate.
3. The English East India Company established a factory at Madras on a plot of land leased from a representative of the Vijayanagara empire.

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

Q 2. With reference to Modern Indian history, consider the following crops:

1. Chilli
2. Pineapple
3. Cashew

How many of the above crops were introduced to India by the Portuguese?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

Q 3. Which of the following is/are the characteristic/characteristics of regur or black soils?

1. They are formed from volcanic lava.
2. They are poor in iron content.
3. They are self-ploughing in nature.

Select the correct answer using the codes given below.

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

Q 4. Which of the following statements regarding the laterite soils of India are correct?

1. They are normally heavy and black in colour.
2. They are rich in organic matter and humus.
3. They are well-developed in areas with high temperature and high rainfall.
4. They are widely cut as bricks for use in house construction.

Select the correct answer using the code given below.

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

Q 5. With reference to the landforms associated with volcanic activities, consider the following statements:

1. Sills are solidified horizontal lava layers inside the earth.
2. Dykes are vertical intrusions that develop into wall-like structure.
3. Batholiths are huge masses of igneous rocks formed due to the solidification of hot magma inside the earth.

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

Q 6. Consider the following:

1. Kharosthi script was introduced for writing
2. Idea of erecting edicts became popular
3. Indo-Iranian commerce increased

How many of the above were the impacts of the Persian invasion of ancient India?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

Q 7. Which of the following statements is/are correct with reference to Alexander's invasion of

India?

1. Magadha was under the reign of the Nanda dynasty during his invasion.
2. The ruler of Taxila was defeated by Alexander in the Battle of Hydaspes.
3. Alexander was successful in occupying the Gangetic valley as a part of his satrapy.

Select the correct answer using the code given below:

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

Q 8. Consider the following pairs:

Term	Description
1. Therigatha	Female Buddhist monastic
2. Bhikkhuni	Songs of religious lyrical poetry
3. Basadis	Jaina temples

How many of the above pairs are correctly matched?

- (a) Only one pair
- (b) Only two pairs
- (c) All three pairs
- (d) None

Q 9. With reference to the non-brahmanical heretical sects, consider the following statements:

1. Purana Kassapa advocated the doctrine of Akriya or non-action.
2. Makkali Gosala is associated with the theory of Asasvatavada.
3. Pakudha Kaccayana is known for the doctrine of Niyativada.

How many of the above statements are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

Q 10. With reference to the lingayat sect, consider the following statements:

1. It was led by Basavanna.

2. It believes in reincarnation after death.
3. It does not believe in the caste system.

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

Q 11. In the context of ancient Indian history, the text Milinda-Panho is significant because it records:

- (a) administrative and legal reforms introduced by the Kushanas
- (b) discussions on Hindu philosophy between Patanjali and Pushyamitra Shunga
- (c) questions posed by the Indo-Greek king Menander to the Buddhist monk Nagasena
- (d) treaties and diplomatic exchanges between the Mauryas and the Hellenistic world

Q 12. With reference to the solar moss, consider the following statements:

1. It is formed mainly due to chromospheric jets that shoot up from the Sun's lower atmosphere.
2. It is formed in regions where the magnetic conditions are particularly strong.

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

Q 13. They are water-filled vertical caverns found in coastal regions where the bedrock is made of soluble material, such as limestone, marble or gypsum. They form when water on the surface percolates through the rock, dissolving minerals and widening cracks, which eventually causes the rock to collapse. This is the most likely description of:

- (a) Sea stack
- (b) Blue holes

- (c) Sea cave
- (d) Stalagmites

Q 14. Consider the following statements:

1. 'Floor Test' is conducted when the Chief Minister appointed by the Governor is asked to prove majority on the floor of the Legislative Assembly of the State.
2. 'Composite Floor Test' is conducted when the majority is not clear and more than one person claims to form the government.
3. The Constitution of India explicitly provides the provisions of Floor Test to determine whether the incumbent government enjoys the support of the legislature.

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

Q 15. Which one of the following best describes the concept of 'double coincidence of wants' in an economy?

- (a) The situation where both parties in a transaction want exactly the same amount of goods or services
- (b) A situation of perfect match between the wants of the buyer and the seller.
- (c) The mutual agreement between two parties to trade goods and services at a predetermined price
- (d) The simultaneous exchange of goods and services between two parties without the use of money

Q 16. Consider the following statements:

1. The Gross Domestic Product (GDP) is an estimate of the total monetary value of all the final products and services produced by a country's citizens.
2. The Gross Value Added (GVA) includes the cost of inputs and raw materials that have gone into the production of those 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

Q 17. Which of the following undergo depreciation?

1. Investments in bonds
2. Machines
3. Land
4. Office buildings
5. Vehicles

Select the correct answer using the code given below:

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

Q 18. In the context of virology, which of the following best describes 'reassortment'?

- (a) It is the formation of a hybrid virus containing parts from the genomes of two distinct viruses.
- (b) It is the process in which a virus infects and replicates within bacteria.
- (c) It is the process in viruses by which an enzyme makes a copy of DNA from RNA.
- (d) It is the process of mutating the genetic code of a mammal in order to create a new species.

Q 19. Who administers the oath of office to the governor of a state?

- (a) President
- (b) Chief Justice of India
- (c) Chief justice of the concerned state high court
- (d) Vice-President

Q 20. When does the Model Code of Conduct for guidance of candidates and political parties come into effect?

- (a) Immediately after the announcement of the

schedule of elections

- (b) Immediately after the last date for filing nominations
- (c) Immediately after the last date for withdrawal of nomination
- (d) 48 hours before the actual election starts

Q 21. Consider the following statements with reference to Nayanars and Alvars:

1. Alvars were followers of Vaishnavism while Nayanars were devoted to propagation of Shaivism.

2. Andal was the only female Alvar saint.

3. Nayanars' hymns are compiled in the Tirumurai.

How many of the above statements are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

Q 22. Consider the following statements with reference to the Bandagan (Corps of Forty/Amir-i-Chahalgani) in Delhi Sultanate:

- 1. They were the special slaves purchased and favoured for military services by Iltutmish.
- 2. Originally, they were aristocrats and landed chieftains who served as governors in the empire.
- 3. Balban abolished the system of Bandagans because of their growing influence in the administration.

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

Q 23. Consider the following statements:

Statement-I: The rise of Khiljis to power marked a significant shift in the ruling elite of the Delhi Sultanate.

Statement-II: Under the Khiljis, power was concentrated in the hands of the Turkish nobility.

Which one of the following is correct in respect of

the above statements?

- (a) Both Statement-I and Statement-II are correct and Statement-II explains Statement-I
- (b) Both Statement-I and Statement-II are correct, but Statement-II does not explain Statement-I
- (c) Statement-I is correct, but Statement-II is incorrect
- (d) Statement-I is incorrect, but Statement-II is correct

Q 24. Consider the following:

- 1. Uranus
- 2. Mercury
- 3. Neptune
- 4. Mars
- 5. Saturn

'Diamond Rain' is associated with how many of the above planets in the solar system?

- (a) Only two
- (b) Only three
- (c) Only four
- (d) All five

Q 25. Consider the following statements with reference to Antimatter:

- 1. They are composed of mass, electric charge and magnetic moment.
- 2. They can be created both naturally and artificially.
- 3. They follow the same gravitational laws as conventional matter.

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

Q 26. Consider the following pairs:

Object in Space	Description
1. Trojan	Asteroid inhabiting a planet's stable Lagrange points

2. Pleiades	Cluster of stars loosely bound by gravity
3. Centaur	Small celestial body with characteristics of both asteroids and comets

How many of the pairs given above are correctly matched?

- (a) Only one pair
- (b) Only two pairs
- (c) All three pairs
- (d) None

Q 27. 'A biological community in its environment' such as a pond, an ocean, a forest, even an aquarium is known as-

- (a) biome
- (b) community
- (c) abiotic environment
- (d) Ecosystem

Q 28. Consider the following:

1. Water molds
2. Mushrooms
3. Diatoms

How many of the above are primarily classified as saprotrophs?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

Q 29. It was first advocated by Norwegian philosopher Arne Naess in the 1970s. It considers humans no more significant than other species. In simple terms, all life, whether humans or plants or animals, have equal importance on our planet earth.

Which one of the following environmental philosophies is being described in the above passage?

- (a) Deep Ecologism
- (b) Anthropocentrism

- (c) Shallow Ecologism
- (d) Environmental Pragmatism

Q 30. With reference to Modern Indian History during the 18th century, consider the following statements:

Statement-I: The East India Company did not annex Bengal immediately after the Battle of Plassey in 1757.

Statement-II: At that time East India Company's primary objective was expansion of trade.

Statement-III: The local rulers at that time in and around Bengal were ready to grant privileges to the East India Company.

Which one of the following is correct in respect of the above statements?

- (a) Both Statement-II and Statement-III are correct and both of them explain Statement-I
- (b) Both Statement-II and Statement-III are correct, but only one of them explains Statement-I
- (c) Only one of the Statement II and III is correct and that explains Statement-I
- (d) Neither Statement-II nor Statement-III is correct

Q 31. In the context of British colonial rule in different parts of the world, the term 'Columbian Exchange' refers to:

- (a) triangular trade in slaves, sugar and cotton between Europe, Africa, and the Americas during colonial times.
- (b) economic reforms introduced by European colonial powers in India after the discovery of sea routes.
- (c) establishment of European trading companies and their monopolies over Indian trade routes.
- (d) exchange of flora and fauna from Europe to the New World.

Q 32. Which of the following best describes the term "Neutrino Fog"?

- (a) The layer of fog caused by the condensation of neutrinos in the Earth's atmosphere.

- (b) The condition in which neutrinos interact with water vapor to create optical diffraction patterns.
- (c) A type of cosmic background radiation that emits visible light through neutrino decay.
- (d) The interference caused by neutrinos that can obscure signals in dark matter detection experiments.

Q 33. Consider the following information:

Reform Movements	Founder	Objective
1. Rama-krishna Mission	Rama krishna Paramahansa	Promoting the ideology of Vedanta
2. Servants of India Society	Gopal Krishna Gokhale	Constitute a band of workers who would dedicate their life to the service of the nation
3. Social Service League	Nandalal Bose	Secure reasonable condition of workers in factories
4. Women's Indian Association	Ramabai Ranade	Promoting women's rights in British India

In how many of the rows given above is the given information correctly matched?

- (a) Only one
- (b) Only two
- (c) Only three
- (d) All four

Q 34. Consider the following statements regarding Hot Wet Equatorial Climate:

1. The diurnal range of temperature is very small but the annual range of temperature is high.
2. The double rainfall peaks coinciding with the equinoxes are a characteristic feature of equatorial climate. 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

Q 35. What is common between Baiga Pardhauni, Gusadi and Harul?

- (a) These are harvest festivals celebrated by tribal communities.
- (b) These are GI tagged rice varieties.
- (c) These are traditional saree varieties.
- (d) These are tribal dances.

Q 36. With reference to the lava erupting from a volcano, consider the following statements:

1. Basic lava is highly fluid and poor in iron and magnesium.
2. Acid lava is highly viscous with a high melting point. 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

Q 37. Consider the following:

1. Bhagwati Sutra
2. Mula-Sutra
3. Vinnanapada
4. Dhammasangani

How many of the above are Jaina texts?

- (a) Only one
- (b) Only two
- (c) Only three
- (d) All four

Q 38. Which one of the following sites is not associated with Jainism?

- (a) Dilwara temples
- (b) Sammet Shikharji
- (c) Bhaja Caves
- (d) Sravana Belgola

Q 39. Consider the following pairs:

Poet Work

1. Pampa Adipurana
2. Ponna Ajitha Purana
3. Ranna Shanti Purana

How many of the pairs given above are correctly matched?

- (a) Only one pair
- (b) Only two pairs
- (c) All three pairs
- (d) None

Q 40. Consider the following statements regarding the Sufi movement:

1. The Sufi saints strictly followed elaborate rituals and promoted rigorous asceticism.
2. It emphasized love and devotion as paths to realizing God.
3. It encouraged the Ziyarat, the practice of visiting tombs. Which of the statements given above is/are correct?

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

Q 41. Consider the following pairs:

Award	Awarded for
1. Padma Vibhushan	Distinguished service of a high order
2. Padma Bhushan	Distinguished service
3. Padma Shri	Exceptional and distinguished service
4. Bharat Ratna	Exceptional service of the highest order in any field of human endeavour

How many of the pairs given above are correctly matched?

- (a) Only one pair
- (b) Only two pairs
- (c) Only three pairs
- (d) All four pairs

Q 42. With reference to the Cook Islands, consider the following statements:

1. It is a group of coral atolls lying in the South Pacific Ocean.
2. It has the world's largest documented collection of Polymetallic nodules.
3. It is located in the Clarion-Clipperton Zone.
4. It is self-governing country in 'free association' with New Zealand.

Which of the statements given above are correct?

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

Q 43. Consider the following:

1. Asola Bhatti Wildlife Sanctuary
2. Kabartal Wetland
3. Chandertal Wetland
4. Hokera Wetland

How many of the above have Constructed Wetland systems?

- (a) Only one
- (b) Only two
- (c) Only three
- (d) All four

Q 44. The soil nailing technique is used to:

- (a) fencing the agricultural fields to prevent attack by wild animals
- (b) plant trees across the fallow land
- (c) prevent runoff of the nutrients in plain areas during rainfall
- (d) stabilise slopes to prevent the potential landslides

Q 45. Which of the following indicators are taken into consideration while measuring the 'Green GDP'?

1. Mineral depletion
2. Net forest loss
3. Opportunity cost of energy depletion
4. Particulate emission damage
5. Carbon dioxide damage

Select the correct answer using the code given below:

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

Q 46. Consider the following statements regarding market economy:

1. An oligopoly is where few players have a high degree of market power.
2. A monopoly is where a single company produces goods which have no close substitutes.
3. Both monopoly and oligopoly exist when there are barriers to entry into the market.

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

Q 47. Consider the following:

1. Clothing factories
2. Increase in the stocks of defence materials
3. Durable goods in the hands of the households
4. Investments in defense-related research and development activities

How many of the above are excluded from calculation of Gross Capital Formation (GCF)?

- (a) Only one
- (b) Only two
- (c) Only three
- (d) All four

Q 48. Consider the following statements with regard to the Permanent Lok Adalats:

1. Permanent Lok Adalats are established under the Legal Service Authorities Act of 1987.
2. The award of the Permanent Lok Adalat is final and binding upon the parties. 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

Q 49. Consider the following statements with reference to parliamentary proceedings in India:

1. The Attorney General of India has the right to speak and take part in the proceedings of either house or any joint sitting of both houses.
2. A minister, who is not a member of either house, cannot participate in the proceedings of any house. 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

Q 50. Consider the following statements regarding the recently established Grievance Appellate Committees (GACs) under the IT Rules 2021:

1. It has been set up by the government to look into users' complaints against large social media companies.
2. It is a digital platform that will operate only online.

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

Q 51. The biography of Shaikh Muinuddin Chishti titled 'Munis al Arwah' (The Confidant of Spirits) was authored by:

- (a) Muhammad bin Tughlaq
- (b) Shah Jahan
- (c) Akbar
- (d) None

Q 52. Consider the following statements:

Statement-I: Geostationary orbits are suitable for

communication and weather satellites.

Statement-II: Geostationary orbits allow the satellite to appear stationary over a fixed point on Earth.

Which one of the following is correct in respect of the above statements?

- (a) Both Statement-I and Statement-II are correct and Statement-II explains Statement-I
- (b) Both Statement-I and Statement-II are correct, but Statement-II does not explain Statement-I
- (c) Statement-I is correct, but Statement-II is incorrect
- (d) Statement-I is incorrect, but Statement-II is correct

Q 53. Which one of the following is the primary aim of the SpaDeX mission developed by the Indian Space Research Organisation (ISRO)?

- (a) Testing advanced propulsion systems for interplanetary missions
- (b) Developing technologies related to docking and formation flying
- (c) Deploying a constellation of satellites for real-time Earth observation
- (d) Enhancing deep-space communication for lunar and Mars exploration

Q 54. Consider the following statements with reference to Nanoparticles:

- 1. They are engineered to perform a specialised function.
- 2. They have a very large surface area to volume ratio when compared to bulk material.
- 3. In aerospace, carbon nanotubes can be used in the morphing of aircraft wings.

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

Q 55. Consider the following statements about ecotone:

- 1. They generally have lower levels of biodiversity compared to adjoining ecosystems.
- 2. Due to the edge effect, it cannot serve as the ground for the evolution of new species.
- 3. Wetlands and Mangrove forests are examples of ecotones.

Which of the statements given above is/are correct?

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

Q 56. Under the Representation of the People Act, 1951, an election petition challenging the election of a Member of Parliament or State Legislature can be filed before:

- (a) Election Commission of India
- (b) Supreme Court of India
- (c) High Court
- (d) District Court

Q 57. Consider the following statements about the Tundra Biome:

- 1. Generally they are characterized by absence of trees.
- 2. Reptiles are the most dominant fauna in this biome.
- 3. To avoid excessive heat loss, animals in the tundra region generally have a high body surface area to volume ratio.

Which of the statements given above is/are correct?

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

Q 58. With reference to the Third Carnatic War in India, consider the following statements:

- 1. The War broke out as a result of succession disputes in the Hyderabad and Carnatic regions.
- 2. The Battle of Wandiwash was the decisive battle

of the Third Carnatic War.

3. The War ended with the signing of the Treaty of Pondicherry.

Which of the statements given above is/are correct?

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

Q 59. Consider the following statements:

1. The battle took place in 1897 in the rugged terrain of the then North-West Frontier Province of British India.
2. Only 21 Sikh soldiers defended a strategic post against over thousands of tribal attackers.
3. The battle is considered as one of the greatest last stands in global military history.

Which one of the following battles is best described by the statements given above?

- (a) Battle of Saragarhi
- (b) Battle of Wai
- (c) Battle of Buxar
- (d) Battle of Amritsar

Q 60. Consider the following pairs:

- | Tribes | State |
|------------|-------------------|
| 1. Irula : | Telangana |
| 2. Toto : | Arunachal Pradesh |
| 3. Bondo : | Odisha |

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

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

Q 61. Consider the following statements with regard to social forestry:

1. Urban forestry pertains to the raising and management of trees on public lands only.
2. Agro-forestry is the raising of trees and agriculture crops on the same land inclusive of the

waste patches.

3. Community forestry involves the raising of trees on public, privately owned or community lands.

Which of the statements given above is/are correct?

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

Q 62. With reference to the Inter-Tropical Convergence Zone (ITCZ), consider the following statements:

1. It is an area where air tends to descend.
2. In July, ITCZ is located around 20°S25°S.
3. Shift in ITCZ causes the trade winds of the southern hemisphere to cross the equator.

Which of the statements given above is/are correct?

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

Q 63. Consider the following pairs:

- | Island | Ocean |
|----------------|---------------|
| 1. Sardinia : | Mediterranean |
| 2. Zanzibar : | Atlantic |
| 3. Vancouver : | Pacific |

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

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

Q 64. With reference to the Juvenile Justice (Care and Protection of Children) Act, 2015, consider the following statements:

1. The Juvenile Justice Board (JJB) acts as a quasi-judicial body that presides over criminal cases involving offenders under 18.

2. It creates 'Children's Courts' to try juveniles as adults for committing heinous crimes.
3. A Zero FIR is registered in all cases against juveniles.

Which of the statements given above is/are correct?

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

Q 65. With reference to the hydropower energy generation in India, consider the following statements:

1. Hydropower is a major source of electricity generation in India, contributing to more than 50% of the total capacity of generation in 2022-23.
2. The share of hydro-based generation capacity has consistently increased in the past 10 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

Q 66. With reference to the 'NISAR satellite,' consider the following statements:

1. It is jointly developed by NASA and ISRO.
2. It is the first satellite mission to collect radar data in two microwave bandwidth regions.
3. It will be launched into a polar Sun-synchronous dawn-dusk orbit.
4. It will study the water-stressing and measure tectonic plate movements accurately.

How many of the above statements are correct?

- (a) Only one
- (b) Only two
- (c) Only three
- (d) All four

Q 67. Consider the following countries :

1. France

2. Saudi Arabia
3. Germany
4. United Arab Emirates
5. United States of America

How many of the above are members of the India-Middle East-Europe Economic Corridor (IMEC) project?

- (a) Only two
- (b) Only three
- (c) Only four
- (d) All five

Q 68. The 'Widal Test' is done to detect the pathogen for which one of the following diseases?

- (a) Black fever
- (b) Leprosy
- (c) Cysticercosis
- (d) Typhoid

Q 69. In underdeveloped countries, the capital-output ratio is generally higher because:

- (a) inefficient production processes
- (b) surplus of skilled labor
- (c) high levels of foreign investment
- (d) heavy focus on high-tech industries

Q 70. Consider the following pairs:

Type of economic recovery	Feature
1. 'V' shaped	After recession, different parts of the economy recover at different rates
2. 'K' shaped	Economy passes through a 'double-dip' recession
3. 'L' shaped	Slow economic recovery with persistent unemployment

How many pairs given above are correctly matched?

- (a) Only one pair

- (b) Only two pairs
- (c) All three pairs
- (d) None

Q 71. Which of the following statements is correct regarding China+1 strategy, recently seen in the news?

- (a) It is a USA led strategic alliance to counter Chinese aggression in the IndoPacific region.
- (b) It is strategic decision being taken by MNCs to shift their supply chains outside China.
- (c) It a defence program that involves inclusion of one more member country in the Quad alliance.
- (d) It is a space cooperation program of China and Russia to set up a new International Space Station.

Q 72. Mr. XYZ wants to become a district judge. What is the minimum age prescribed in the Constitution of India so that he becomes a District judge?

- (a) 21 years
- (b) 25 years
- (c) 35 years
- (d) No Minimum age is prescribed in the Constitution

Q 73. The LUX-ZEPLIN (LZ) experiment, recently seen in the news, is associated with the search for:

- (a) gravitational waves
- (b) dark matter
- (c) exoplanets
- (d) neutrino oscillations

Q 74. Consider the following statements with reference to Global Positioning System (GPS):

1. Its satellites are placed in Medium Earth Orbit (MEO).
2. It needs at least four satellites to calculate a location in three dimensions.
3. It uses radio waves to determine the location and direction of objects.

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

Q 75. Which one of the following is the objective of the JUICE space mission?

- (a) Detailed exploration of the Jupiter
- (b) Study the ring system of Saturn
- (c) Study the asteroid belt and its composition
- (d) Study the Venus atmosphere and surface

Q 76. Which of the following statements is/are correct regarding the Small Modular Reactors (SMRs)?

1. They are advanced nuclear reactors with a power capacity of up to 300 MW(e) per unit.
2. SMR power plants have smaller refueling intervals as compared to conventional reactors.
3. They are suitable for industrial desalination projects.

Select the correct answer using the code given below:

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

Q 77. In the context of food chain in an ecosystem, consider the following statements:

1. In a terrestrial ecosystem, the green plants capture about 10% of the energy that falls on their leaves and convert it into food energy.
2. There is always greater number of individuals at the lower trophic level of an ecosystem.
3. 10% is the average value for the amount of organic matter that is present at each step and reaches the next level of consumers.

Which of the statements given above is/are correct?

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

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

Q 78. Which type of biotic interaction is exhibited by trees and epiphytic plants?

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

Q 79. The staple commodities of export by the English East India Company from Bengal in the middle of the 18th century were:

- (a) Raw cotton, oil-seeds and opium
- (b) Sugar, salt, zinc and lead.
- (c) Copper, silver, gold, spices and tea
- (d) Cotton, silk, saltpetre and opium

Q 80. Consider the following pairs regarding different types of bails in India:

Types of Bail	Description
1. Anticipatory Bail	To seek bail before the arrest, based on the apprehension of being arrested for a non-bailable offense.
2. Regular Bail	To seek bail when the person is already in custody and applies for release during the trial.
3. Interim Bail	A bail granted when the investigating authority fails to complete the investigation within the prescribed time.
4. Default Bail	A temporary bail granted during the pendency of some other bail application.

How many of the pairs given above are correctly matched?

- (a) Only one
- (b) Only two
- (c) Only three
- (d) All four

Q 81. In the context of landform formation, Cirques, Aretes and Bergschrunds are:

- (a) landforms of glaciation
- (b) landforms of wind erosion
- (c) landforms of water erosion
- (d) landforms of Karst topography

Q 82. Arrange the following Indian cities from north to south:

1. Chennai
2. Bengaluru
3. Bhopal
4. Jaipur

Select the correct answer using the code given below.

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

Q 83. Consider the following statements:

Statement-I: Ultra-processed foods (UPF) enhance the overall health and well-being of populations.

Statement-II: UPF are entirely made with substances extracted from food through chemical modification.

Which one of the following is correct in respect of the above statements?

- (a) Both Statement-I and Statement-II are correct and Statement-II explains Statement-I
- (b) Both Statement-I and Statement-II are correct, but Statement-II does not explain Statement-I
- (c) Statement-I is correct, but Statement-II is incorrect
- (d) Statement-I is incorrect, but Statement-II is correct

Q 84. Consider the following statements regarding the Central Drugs Standard Control Organisation (CDSCO):

1. It was established under the provisions of the Pharmacy Act, 1948.
2. It is responsible for controlling the quality of imported drugs in the country.

3. Drugs Controller General of India (DCGI) is the final authority for the approval of clinical trials.

Which of the statements given above is/are correct?

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

Q 85. Consider the following statements with reference to the opportunity cost:

1. It is the potential benefit that an individual loses while making one choice of an alternative over others.
2. It helps maximize economic efficiency by selecting the best investment opportunities.
3. It is included in accounting profit as well as in the external financial reporting made by a company.

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

Q 86. Consider the following statements:

Statement-I: At full employment, excess demand does not have any impact on production output.

Statement-II: At full employment, the economy utilizes all its resources.

Which one of the following is correct in respect of the above statements?

- (a) Both Statement-I and Statement-II are correct and Statement-II explains Statement-I
- (b) Both Statement-I and Statement-II are correct, but Statement-II does *not* explain Statement-I
- (c) Statement-I is correct, but Statement-II is incorrect
- (d) Statement-I is incorrect, but Statement-II is correct

Q 87. Consider the following statements regarding Immune Imprinting:

1. It is the body's tendency to repeat its immune response through previously encountered variant.
2. T cells lymphocytes play a central role in this process.

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

Q 88. With reference to the money bill in the state legislature, consider the following statements:

1. When the governor reserves a money bill for the consideration of the President, the governor's assent is no longer required.
2. The governor cannot return a money bill for the reconsideration of the state legislature.

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

Q 89. Consider the following statements regarding zonal councils:

1. These are advisory bodies that were created under the provisions of Article 263 of the Indian Constitution.
2. The Union Home Minister acts as the chairman of all the zonal councils.
3. There are four zonal councils in total that covers all 28 states of India.

Which of the statements given above is/are correct?

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

Q 90. Consider the following:

1. Coccolithophores
2. Cyanobacteria
3. Pteropods

How many of the above are primary producers in the food chain of an ecosystem?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

Q 91. With reference to the International Atomic Energy Agency (IAEA), which promotes the peaceful use of nuclear energy, which one of the following statements is incorrect?

- (a) It functions as an autonomous international organization within the United Nations system.
- (b) India was among its founding members.
- (c) Membership in the IAEA requires signing and ratifying the Nuclear Non-Proliferation Treaty (NPT).
- (d) Its headquarters is situated in Vienna, Austria.

Q 92. Consider the following statements regarding earthquakes:

1. All natural earthquakes take place in the lithosphere.
2. P waves (Primary) are considered to be the most damaging waves in an earthquake. 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

Q 93. With reference to the Indus river, consider the following statements:

1. It originates from a glacier in the Kailash Mountain range.
2. The Satluj is the largest tributary of the Indus.
3. The Indus flows in India only through the Union Territory of Jammu and Kashmir. 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

Q 94. With reference to the arid soils in India, consider the following statements:

1. They are generally sandy in structure and saline in nature.
2. They lack moisture and contain little humus and organic matter.

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

Q 95. The BHISHM portable cubes, sometimes seen in the news, are an initiative of:

- (a) Indian Army to conduct joint military exercises to enhance operational capabilities
- (b) Indian Air Force to drop portable hospital to cater to emergencies
- (c) Indian Navy to adopt newer submarine designs
- (d) Border Roads Organisation (BRO) to build all-weather roads

Q 96. Consider the following statements:

1. Armoured Sailfin Catfish can clean algal growth in tanks and aquaria.
2. Armoured Sailfin Catfish is endemic to the Western Ghats of India.
3. A sea anemone is a herbivorous marine creature.
4. Some sea anemones can burrow into sand.

Which of the statements given above are correct?

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

Q 97. Consider the following statements:

1. The facility of the proxy vote is provided to the service voters belonging to the Armed Forces.
2. The facility of the postal ballot is provided to certain classes of people notified by the Election Commission.

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

Q 98. With reference to the Vice President, consider the following statements:

1. The electoral college for his election does not include the members of the state legislative assemblies.
2. A formal impeachment is not required for his removal.

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

Q 99. Consider the following statements with reference to the two houses of the Parliament:

1. The Constitution has fixed the term of office of members of the Rajya Sabha.
2. Only the speaker of the Lok Sabha in consultation with the central government can dissolve the Lok Sabha.

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

Q 100. Arrange the following officials from higher to lower rank as per Table of Precedence.

1. Prime Minister
2. Former Presidents
3. Governors of states within their respective states
4. Cabinet Ministers of the Union

Select the correct answer using the code given below.

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