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Test Booklet Series

TEST BOOKLET

C

GENERAL STUDIES (P) 2024 – Test – 4156

Time Allowed: Two Hours

Maximum Marks: 200

INSTRUCTIONS

1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS BOOKLET DOES **NOT** HAVE ANY UNPRINTED OR TURN OR MISSING PAGES OR ITEMS, ETC. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET.
2. ENCODE CLEARLY THE TEST BOOKLET SERIES **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. **Do NOT** write anything else on the Test Booklet.
4. This Test Booklet contains **100** items (Questions). Each item 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 with you consider the best. In any case, choose **ONLY ONE** response for each item.
5. You have to mark all your responses **ONLY** on the separate Answer Sheet provided. See direction in the answers sheet.
6. All items carry equal marks. Attempt all items. Your total marks will depend only on the number of **correct responses** marked by you in the answer sheet. For **every incorrect** response **1/3rd of the allotted marks** will be deducted.
7. Before you proceed to mark in the Answer sheet the response to various items in the Test booklet, you have to fill in some particulars in the answer sheets as per instruction sent to you with your Admission Certificate.
8. After you have completed filling in all responses on the answer sheet and the examination has concluded, you should hand over to Invigilator only the answer sheet. You are permitted to take away with you the Test Booklet.
9. Sheet for rough work are appended in the Test Booklet at the end.

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

1. Consider the following industries:
1. Distillation and brewing of alcoholic drink
 2. Electronics, aerospace and defence equipment
 3. Cigars, cigarettes of tobacco and manufactured tobacco substitutes
 4. Industrial explosives

How many of the above industries are subject to compulsory licensing in India?

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

2. With reference to marriage in India, consider the following statements:

1. The right to marry is a fundamental right in India.
2. Same-sex marriage is legalized in India.
3. The Special Marriage Act, 1954 allows persons from two different religions to marry.

How many of the statements given above are correct?

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

3. Consider the following pairs with reference to pottery in India:

Pottery:	Origin
1. Kagzi	: Rajasthan
2. Khurja	: Gujarat
3. Surai	: West Bengal

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

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

4. Consider the following pairs:

Military Exercise	India and Associated Nations
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1. Ekuverin : Maldives
2. IMT TRILAT : Myanmar and Thailand
3. Surya Kiran : ASEAN countries

How many of the above pairs are correctly matched?

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

5. Which of the following best describes Mpemba Effect?

- (a) It is the observation that hot water can sometimes freeze faster than cold water under certain conditions.
- (b) It is the principle that states as the pressure decreases, speed of the fluid increases.
- (c) It is the principle that hot air rises while cold air sinks, creating atmospheric convection currents.
- (d) It is the tendency of solid objects to expand when heated and contract when cooled.

6. With reference to the new emission norms for coal-fired thermal power plants, consider the following statements:

1. Power plants within 10 km radius of National Capital Region (NCR) will have to comply with the new norms by 31 December 2025.
2. New emission norms requires installation of Flue Gas Desulphurisation (FGD) equipment for compliance with Sulphur dioxide (SO₂) emissions.

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

7. Who among the following safeguard fundamental rights in India?
- (a) Courts
 - (b) Parliament
 - (c) Executive
 - (d) Constitution

8. Consider the following statements regarding the National Green Tribunal (NGT):

1. It is a constitutional body established under Article 21 of the Indian Constitution.
2. It has power to hear all civil and criminal cases related to environmental issues.
3. While passing the orders NGT will apply principle of sustainable development and polluters to pay.
4. It is mandated to make and endeavor for disposal of applications or appeals finally within 6 months of the filing of the same.

How many of the statements given above are correct?

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

9. Consider the following pairs:

Newspaper

Leader

1. Amrita Bazar Patrika : Sisir Kumar Ghosh
2. East Indian : Dadabhai Naoroji
3. Indian Mirror : S.N. Banerjee

How many pairs given above are correctly matched?

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

10. With reference to the Free Movement Regime agreement (FMR), consider the following statements:

1. It allows the movement of people within 6 km on either side of the Indo–Myanmar border without a visa.
2. It was implemented in 2012 as a part of India's Act East Policy.
3. It allows a stay of up to eight weeks per visit.

How many of the above given statements are correct?

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

11. Consider the following statements regarding the New Development Bank (NDB):

1. It was established on India's proposal by the Fortaleza declaration.
2. A non-BRICS country can not become its member.
3. It is headquartered in New Delhi with regional offices in Russia, South Africa and Brazil.
4. All founding member countries have equal shares.

Which of the statements given above are correct?

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

- 12.** With reference to the National Human Rights Commission, consider the following statements:

Statement I: The National Human Rights Commission (NHRC) of India has the authority to inquire into violations of human rights committed by public servants.

Statement II: The NHRC derives its powers from an executive order issued by the President of India.

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 is the correct explanation for Statement I
- (b) Both Statement-I and Statement-II are correct and Statement-II is not the correct explanation for Statement-I
- (c) Statement I is correct but Statement II is incorrect
- (d) Statement I is incorrect but Statement II is correct

- 13.** Which of the following are saprotrophs?

- 1. Mushroom
- 2. Nematodes
- 3. Spirogyra
- 4. Cyanobacteria

Select the correct answer using the code given below.

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

- 14.** In the context of ecology, which of the following statements best describes the term 'standing crop'?

- (a) It is the total fresh biomass of all autotrophs at a particular time in an unit area.
- (b) It the total biomass present in the Kelp forests at a particular time.
- (c) It is the biomass or living matter in each trophic level at a particular time.
- (d) It is the total biomass of all standing crops in a cropping season in an unit area in terms of dry weight.

- 15.** Consider the following freedom fighters:

- 1. Sachin Sanyal
- 2. Surya Sen
- 3. Bhagwati Charan Vohra

Who of the above was/were actively associated with the Hindustan Republican Association?

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

- 16.** Consider the following:

- 1. Judicial review
- 2. Separation of powers
- 3. Flexible constitution
- 4. Elected government

How many of the above factors best ensures accountability in a constitutional government?

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

17. Consider the following statements regarding the Square Kilometer Array Observatory (SKAO):

1. It consists of an array of telescopes mounted over a square kilometer area in South Africa.
2. It has an international organization status dedicated to radio astronomy.
3. It seeks to measure neutral hydrogen over cosmic time.

How many of the statements given above are correct?

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

18. Consider the following species:

1. Marsh-meadow
2. Diatoms
3. Angiosperms
4. Mosses

How many of the above given species are pioneer species?

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

19. Consider the following statements about Quantitative Easing (QE):

1. QE is a form of unconventional monetary policy that came into wide application globally after the financial crisis of 2007-08.
2. A central bank implements quantitative easing by selling financial assets to commercial banks and other financial institutions.
3. Central banks usually resort to quantitative easing when their nominal interest rate target approaches or reaches zero.

How many of the above statements are correct?

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

20. Consider the following statements about SONAR technology:

1. It uses sound waves for navigation, ranging, communication, and detection of objects.
2. Sonar systems only use the ultrasonic frequencies.
3. SONAR technology can only be used for underwater applications.

How many of the statements given above are correct?

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

- 21.** Consider the following statements:
- Statement I: Thermoregulation is energetically expensive, particularly for small animals like shrews and hummingbirds.

Statement II: Small animals have a larger surface area relative to their volume.

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 is the correct explanation for Statement-I
- (b) Both Statement-I and Statement-II are correct and Statement-II is not the correct explanation for Statement-I
- (c) Statement-I is correct Statement-II is incorrect
- (d) Statement-I incorrect but Statement-II is correct

- 22.** India is a mega biodiverse country. In this context, consider the following statements:

- 1. Almost one of every four species of flowering plants found in India is endemic to the country.
- 2. More than 40% of all endemic flowering plants are herbs.
- 3. The Himalayas possess the maximum orchid species among the ten biogeographic zones of India.

How many statements given above are correct?

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

- 23.** With reference to Macaulay's Minute, consider the following statements:

- 1. Macaulay recommended that Sanskrit, English and Arabic should be the language of instruction only for higher education levels.
- 2. It recommended that the government should fund education in India, both Western and vernacular.
- 3. It proposed the implementation of widespread education on a mass scale in India.

How many of the statements given above are correct?

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

- 24.** With reference to the Indian constitution, consider the following statements:

- 1. The Parliament has the exclusive power to admit or establish new states into the Indian Union.
- 2. The Indian Constitution exempts laws on state admission or boundary changes from being considered constitutional amendments under Article 368.
- 3. The First Schedule of the Indian Constitution enlists the names of the States and the Union Territories which are included in the expression 'Union of States'.

How many of the statements given above are correct?

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

25. Consider the following pairs:

<i>Puppetry</i>		<i>State</i>
1. Yampuri	:	Rajasthan
2. Kathputli	:	Bihar
3. Bommalattam	:	Tamil Nadu

How many pairs given above are correctly matched?

(a) Only one

(b) Only two

(c) All three

(d) None

26. Which of the following best explains the term 'proof of work' and 'proof of stake' sometimes seen in the news?

(a) Methods of assigning intellectual property rights

(b) Investigation mechanisms in narcotics related cases

(c) Mechanisms to mine, synchronize cryptocurrency data and validate transactions

(d) None of the above

27. Consider the following statements about Alpha (α) in Finance:

1. It represents the excess return of an investment compared to a benchmark.

2. Alpha (α) value of an active fund is zero while the α value for a passive fund is non-zero.

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

28. Recently, the Reserve Bank of India (RBI) revised the timeline for the enabling framework for the regulatory sandbox for financial products. In this context, which of the following best describes the regulatory sandbox?

(a) It is a secure digital platform for storing confidential financial information.

(b) It increases the regulations imposed on the financial institutions for violating norms set by financial regulatory bodies.

(c) It is related to the live testing of new products or services in a controlled regulatory environment.

(d) It is a system for regulating the flow of foreign investments in the financial sector.

29. According to Megasthenes' Indica, which of the following statements is/are correct?

1. Megasthenes served as the ambassador in the court of Bindusara Maurya.

2. It states that there was no slavery in India.

3. It mentions vaishya as a trading class at the time of Mauryan rule.

Select the correct answer using the code given below.

(a) 1 and 2 only

(b) 2 only

(c) 2 and 3 only

(d) 1 and 3 only

30. Arrange the following unions or associations in chronological order according to when they were formed:

1. All India Trade Union Federation

2. Bombay Mill Hands Association

3. Indian National Trade Union Congress

4. Madras Labour Union

Select the correct answer using the code given below.

(a) 1-2-3-4

(b) 2-4-1-3

(c) 2-4-3-1

(d) 3-2-4-1

31. With reference to Soil Health Card, consider the following statements:

1. Under this, soil health card report is given to farmers at an interval of 3 years.
2. The scheme is implemented by the Ministry of Chemicals and Fertilizers.
3. Soil samples are tested with respect to 12 parameters.

How many of the above statements are correct?

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

32. Consider the following statements about landforms:

1. Cinder
2. Composite cone
3. Phacolith
4. Crater
5. Sills

Which of the landforms given above are extrusive volcanic landforms?

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

33. Which one of the following is the correct sequence of a food chain?

- (a) Dinoflagellates-Herrings-Copepods
- (b) Herrings-Dinoflagellates-Copepods
- (c) Copepods-Herring-Dinoflagellates
- (d) Dinoflagellates-Copepods-Herring

34. With reference to minority educational institutions, consider the following statements:

1. Reservation rules do not apply to minority educational institutions.
2. Both the central and state governments can revoke the minority status of educational institutes.
3. Right to Education Act 2009 applies to them without modification.

How many of the statements given above are correct?

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

35. Consider the following statements regarding Foreign Exchange and Regulations Act (FERA) and Foreign Exchange Management Act (FEMA):

1. Unlike FERA, violations of FEMA are regarded as criminal offences.
2. There is a provision for Tribunal under FEMA unlike FERA.
3. FERA did not allow for External Commercial Borrowings but it is allowed under FEMA.

How many of the above statements are correct?

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

36. With reference to the Incident and Trafficking Database, consider the following statements:

1. It is maintained by leading global non-governmental organization TRAFFIC.
2. It tracks the incidents of illegal trade in wildlife in global biodiversity hotspots.

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

37. With reference to secularism in Indian context, consider the following statements:

1. Indian secularism deals only with religious freedom of individuals and not with religious freedom of minority communities.
2. It is based on the principle of the strict separation of state and religion.

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

38. Consider the following statements regarding Positronium, recently seen in the news:

1. It is a fundamental atom consisting of both matter and anti-matter.
2. It has a very long half-life which makes it suitable to study the origin of the Universe.
3. It was discovered recently for the first time during the Anti-Hydrogen Experiment at the CERN.

How many statements given above are correct?

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

39. With reference to the National Efficient Cooking Programme (NECP), consider the following statements:

1. It is an initiative of Solar Energy Corporation of India Limited.
2. It aims to deploy induction-based cook-stoves as a cost-effective cooking solution.

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

40. Recently, 'Garba of Gujarat' has been inscribed in the Representative List of Intangible Cultural Heritage (ICH) of Humanity by the United Nations Educational, Scientific and Cultural Organization (UNESCO). Consider the following statements about Garba:

1. Garba showcases the infinite nature of birth, death and reincarnation.
2. It is exclusively performed only during Navratri.
3. In Garba dance, dancers hold sticks in both their hands and strike them together on the beats of the musical instruments.

How many of the statements given above are correct?

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

- 41.** Consider the following statements:
Statement-I: Mature Red Blood Cells (RBCs) lose their nucleus during the process called enucleation.
Statement-II: Losing the nucleus reduces the red blood cells capacity to carry more oxygen-carrying hemoglobin.
Which one of the following is correct in reference to the above statements?
- (a) Both Statement-I and Statement-II are correct and Statement-II is the correct explanation for Statement-I
 - (b) Both Statement-I and Statement-II are correct and Statement-II is not the correct explanation for Statement-I
 - (c) Statement-I is correct but Statement-II is incorrect
 - (d) Statement-I is incorrect but Statement-II is correct
- 42.** In the context of biotechnology, karyotyping is related to
- (a) chromosome
 - (b) endoplasmic reticulum
 - (c) golgi bodies
 - (d) vacuoles
- 43.** Consider the following statements with respect to cloudbursts:
1. Cloud bursts are typically associated with cumulonimbus clouds.
 2. The occurrence of cloud bursts is primarily influenced by orographic lifting.
 3. Cloud bursts are more common in arid regions with low humidity levels.
- How many of the statements given above are correct?
- (a) Only one
 - (b) Only two
 - (c) All three
 - (d) None

- 44.** Consider the following statements regarding the 'Treaty of Alinagar':
1. It was signed between Robert Clive and the Nawab of Bengal Siraj Ud Daula.
 2. As per the terms of the treaty, the Nawab would recognize all the provisions of Farrukhsiyar's farman of 1717.
 3. It laid the foundations for the Battle of Plassey.
- How many of the above statements are correct?
- (a) Only one
 - (b) Only two
 - (c) All three
 - (d) None
- 45.** The term 'Swiss Challenge' sometimes seen in news is a/an:
- (a) global commitment under the UNCCD framework to attain Land Degradation Neutrality.
 - (b) joint program by the UCN, and UNEP to award blue flag certification to the cleanest beaches across the globe.
 - (c) investment model to award contracts to private players by the government through the process of bidding.
 - (d) first global Artificial Intelligence (AI) hackathon organized by Switzerland government.
- 46.** Consider the following statements regarding the agrarian measures of Muhammad bin Tughluq:
1. He introduced the practice of giving agricultural loans.
 2. He introduced a department called Diwan-i amir-i kohi to promote agriculture.
 3. He introduced an irrigation tax and constructed canals.
- How many of the statements given above are correct?
- (a) Only one
 - (b) Only two
 - (c) All three
 - (d) None

- 47.** In the context of the Gupta administration, Consider the following statements:
1. The Gupta administration relied heavily on a decentralized system of governance.
 2. In the Gupta dynasty, it was customary that the eldest son of the monarch was to be crowned.
 3. The Gupta bureaucracy was less elaborate as compared to that of the Mauryas.
 4. Vishaya was the smallest unit of administration during the Gupta administration.
- How many of the statements given above are correct?
- (a) Only one
 - (b) Only two
 - (c) Only three
 - (d) All four
- 48.** In the context of medieval Indian history, which of the following is the correct meaning of the term 'Varaha' (also called Pon in Tamil and Honnu in Kannada)?
- (a) Slaves
 - (b) Coins
 - (c) Postal systems
 - (d) Types of land
- 49.** Consider the following events:
1. Formation of Arya Samaj
 2. Swami Vivekananda attended the Parliament of Religions held in Chicago
 3. Formation of Indian National Congress
- What is the correct chronological sequence of the above events?
- (a) 1-2-3
 - (b) 3-2-1
 - (c) 2-1-3
 - (d) 1-3-2

- 50.** Consider the following pairs:
- | <i>Hill station</i> | <i>Hill range</i> |
|---------------------|-------------------|
| 1. Kodaikanal | : Shevroy hills |
| 2. Yercaud | : Nilgiri Hills |
| 3. Ooty | : Sahyadri Hills |
- How many of the above pairs are correctly matched?
- (a) Only one
 - (b) Only two
 - (c) All three
 - (d) None
- 51.** Consider the following statements with reference to the classical languages in India:
1. Tamil was the first language to be declared as a classical language.
 2. Presently all the Classical Languages are also listed in the Eighth Schedule of the Indian Constitution.
- Which of the statements given above is/are correct?
- (a) 1 only
 - (b) 2 only
 - (c) Both 1 and 2
 - (d) Neither 1 nor 2
- 52.** With reference to the Indian Forest and Wood Certification Scheme, consider the following statements:
1. The scheme has been launched by NABARD.
 2. The scheme has introduced a separate Trees Outside Forests Standard.
 3. The scheme will be overseen by Indian Institute of Forest Management.
- Which of the statements above is/are correct?
- (a) 1 and 2 only
 - (b) 2 and 3 only
 - (c) 1 and 3 only
 - (d) 1 only

53. Consider the following statements with reference to the Mediterranean climate:
1. The Mediterranean climate does not support evergreen forests due to the seasonal nature of rainfall.
 2. The Sirocco, Chinook and Mistral are the most common winds of the Mediterranean climate.
- Which of the statements given above is/are correct?
- (a) 1 only
(b) 2 only
(c) Both 1 and 2
(d) Neither 1 and 2
54. Consider the following statements regarding the Citizenship Amendment Act 2019:
1. The Act provides a fast track to Indian citizenship for Hindu, Sikh, and Buddhist migrants only, from Afghanistan, Bangladesh, and Pakistan.
 2. It reduces the qualifying length of residency in India for migrants from eleven years to five years.
- Which of the statements given above is/are **not** correct?
- (a) 1 only
(b) 2 only
(c) Both 1 and 2
(d) Neither 1 nor 2
55. With reference to Rajya Sabha, consider the following statements:
1. Seats for scheduled castes and scheduled tribes are reserved on the basis of their population ratio.
 2. The representatives of each union territory in the Rajya Sabha are indirectly elected by members of an electoral college specially constituted.
 3. Only four Union Territories have representation in the Rajya Sabha.
- How many of the above given statements are **not** correct?
- (a) Only one
(b) Only two
(c) All three
(d) None

56. Consider the following statements with respect to mineral resources:
1. Nickel, manganese, aluminum, and cobalt are ferrous mineral
 2. Copper, bauxite, and lead are non-ferrous minerals
 3. Limestone, mica, and chromium are non-metallic mineral
 4. Gold, platinum, and palladium are precious metal
- How many of the above given statements are correct?
- (a) Only one
(b) Only two
(c) All three
(d) None
57. The term "Sora" sometimes seen in the news is primarily associated with:
- (a) development of advanced agricultural drones
(b) innovations of humanoid robot
(c) advancements in artificial intelligence and machine learning
(d) creating satellite-based weather forecasting systems
58. With reference to the International Treaty on Plant Genetic Resources for Food and Agriculture, consider the following statements:
1. It provides access and benefit sharing for only selected groups of crops to the potential users from the ratifying nations.
 2. It provides for intellectual property claims over genetic resources on the crops covered under the treaty.
 3. It calls for increasing the participation of farmers in the national decision-making process.
- How many statements given above are correct?
- (a) Only one
(b) Only two
(c) All three
(d) None

59. With reference to Chief Secretaries of the states, consider the following statements:
1. They serve as the ex-officio head of their respective state Civil Services Board.
 2. They hold the same rank as the cabinet secretary in the Indian order of precedence.
- 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
60. With reference to Lokpal in India, consider the following statements:
1. It functions as an independent constitutional body.
 2. It possesses the authority to investigate allegations of corruption against the sitting Prime Minister.
 3. It is obligated to present an annual report to the Parliament.
- How many of the statements given above are correct?
- (a) Only one
(b) Only two
(c) All three
(d) None
61. With reference to Plastic Overshoot Day 2023, consider the following statements:
1. Plastic overshoot day report is released by United Nations Environment Programme.
 2. On August 2, 2023 earth saw its first plastic overshoot day.
- 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

62. Consider the following activities:
1. Organic farming
 2. Felling of trees
 3. Setting up of hotels and resorts
 4. Stone quarrying
- How many of the above given activities are freely permitted in a buffer or eco-sensitive zone?
- (a) Only one
(b) Only two
(c) Only three
(d) All four
63. Consider the following pairs:
- | <i>Hydropower project</i> | <i>Location</i> |
|---------------------------|---------------------|
| 1. West Seti | : Arunachal Pradesh |
| 2. Nathpa Jhakri Dam | : Uttarakhand |
| 3. Mettur Dam | : Tamil Nadu |
| 4. Chungthang Dam | : Ladakh |
- How many of the pairs given above are correctly matched?
- (a) Only one
(b) Only two
(c) Only three
(d) All four
64. He was one of India's early revolutionaries and is regarded as the 'Father of the Armed Struggle for India's Freedom'. He considered Shivaji as his role model and is said to have been the inspiration for Bankimchandra's Anandamath. He took a vow to use Khadi and Swadeshi and founded the Aikyavardhini Sabha to address popular grievances. In 1874, he also established the first school of national education in Pune. Who among the following is best described by the passage given above?
- (a) Barin Ghosh
(b) Ubaidullah Sindhi
(c) Vasudev Balwant Phadke
(d) Sri Aurobindo Ghosh

65. Which of the following is the accurate description of the term Super blue moon?
- (a) A full moon with a blue tint
 - (b) A moon that appears larger and brighter than usual
 - (c) Simultaneous occurrence of a full moon, a Supermoon, and a blue moon
 - (d) A rare event when the moon is closest to the Earth
66. Who among the following is associated with 'Goodwill Fraternity', a Unitarian religious society?
- (a) Debendranath Tagore
 - (b) Ishwar Chandra Vidyasagar
 - (c) Keshab Chandra Sen
 - (d) Raja Ram Mohan Roy
67. Consider the following statements:
1. It is generally poor in Nitrogen and Phosphorus.
 2. It is derived from igneous rocks.
 3. It is generally found in areas of low rainfall in the eastern and southern parts of the Deccan plateau.
- Which of the following soils has been described by the above characteristics?
- (a) Red soil
 - (b) Laterite soil
 - (c) Alluvial soil
 - (d) Peaty soil
68. Which of the following relationships is illustrated by the Laffer curve?
- (a) The relationship between unemployment and inflation rates.
 - (b) The relationship between tax rates and government revenue.
 - (c) The relationship between government spending and economic growth.
 - (d) The relationship between income inequalities and economic development.

69. With reference to laser weapons, consider the following statements:
1. All types of laser weapons are prohibited under the UN Protocol on Blinding Laser Weapons, 1995.
 2. Laser weapons have limited range and can only engage targets within a short distance.
- 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. In the context of Rathas temples, consider the following statements:
1. They were a precursor to the modern Dravidian temple architecture.
 2. The Rathas temples are aligned along an east-west axis, symbolizing the journey of the sun.
 3. Rathas temples represent a unique style of monolithic rock-cut temples.
- How many of the statements given above are correct?
- (a) Only one
 - (b) Only two
 - (c) All three
 - (d) None
71. Consider the following:
1. Imputed rent adjusted for maintenance expenditure of dwellings
 2. Windfall gains
 3. Sale and purchase of second-hand goods
- How many of the above are **not** included in the estimation of national income?
- (a) Only one
 - (b) Only two
 - (c) All three
 - (d) None

72. Consider the following statements regarding the 'High Altitude Pseudo-Satellite Vehicle' recently seen in the news:

1. It is a solar-powered Unmanned Aerial Vehicle (UAV) being developed in India.
2. It does not require a rocket to get to the stratosphere where it operates.
3. They have higher speeds than the standard UAVs making them suitable for surveillance.

How many statements given above are correct?

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

73. Consider the following statements:

Statement I: Terms of Trade (ToT) of a nation is defined as the ratio of the price of its import commodity to the price of its export commodity.

Statement II: A country can purchase more imported goods for every unit of export that it sells when its ToT improves.

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 is the correct explanation for Statement-I.
- (b) Both Statement-I and Statement-II are correct and Statement-II is not the correct explanation for Statement-I.
- (c) Statement-I is correct but Statement-II is incorrect.
- (d) Statement-I is incorrect but Statement-II is correct.

74. Consider the following statements:

Statement I: In the grasslands, trees do not replace the grasses as a part of an ecological succession.

Statement II: Trees require more water than grasses.

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 is the correct explanation for Statement-I
- (b) Both Statement-I and Statement-II are correct and Statement-II is not the correct explanation for Statement-I
- (c) Statement-I is correct Statement-II is incorrect
- (d) Statement-I incorrect but Statement-II is correct

75. Consider the following strategies:

1. Broadening the tax base and reducing tax exemptions
2. Providing subsidized food items to consumers to check inflationary trends in the economy
3. Increased off- budgetary borrowings
4. Adherence to the targets under the FRBM act

How many of the above strategies can be adopted by the government while pursuing the policy of fiscal consolidation?

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

76. With reference to Consumer Price Index for Agricultural Labourers (CPI-AL), consider the following statements:

1. It is compiled by the National Statistical Organisation (NSO).
2. It is used to fix minimum wages of agricultural labourers.
3. It is used to adjust MGNREGA wages for inflation.

How many of the statements given above are correct?

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

77. With reference to the regulations on firecrackers, consider the following statements:

1. The noise standard for firecrackers are notified under air pollution act 1981.
2. Supreme court had prohibited use of Barium salts in manufacturing of firecrackers which imparts red colour in the fireworks.
3. Nagpur based National Environmental Engineering Research Institute have developed “green crackers” formulations following supreme court guidelines.

How many statements given above are correct?

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

78. Recently, the State of the World’s Migratory Species 2024 report was launched. In this regard, which of the following statements is **not** correct?

- (a) It is the world’s first-ever State of the World’s Migratory Species report.
- (b) It was launched by the Convention on the Conservation of Migratory Species of Wild Animals (CMS).
- (c) Nearly all (97%) of CMS-listed fish are threatened with extinction.
- (d) Invasive alien species are the top threat faced by migratory species.

79. What is the primary distinction between dual and cooperative federalism?

- (a) While dual federalism encourages states to act independently without interference from the national government, cooperative federalism encourages states to work together closely under the guidance of the national government.
- (b) While dual federalism prioritizes the centralized authority of the national government, cooperative federalism advocates for the decentralization of power to the states.
- (c) While dual federalism emphasizes the clear separation of powers between the national and state governments, cooperative federalism promotes a more collaborative relationship between them.
- (d) While dual federalism focuses on the supremacy of state laws over federal laws, cooperative federalism stresses the supremacy of federal laws over state laws.

- 80.** Winter Solstice happens in the Northern Hemisphere when:
- (a) the South Pole is tilted away from the Sun
 - (b) the North Pole is tilted away from the Sun
 - (c) the Sun's rays are directly overhead at the Tropic of Cancer
 - (d) the Northern Hemisphere experiences the longest day

- 81.** Which of the following statements most accurately describes the concept of tax expenditure?

- (a) It is the overall expenditure by households in payment of direct and indirect taxes.
- (b) It is the total amount of money a government spends on tax administration and enforcement.
- (c) It is the excess tax revenue collected from specific industries to fund targeted government projects.
- (d) It represents the revenue foregone by the government due to tax exemptions, deductions, or credits.

- 82.** With reference to the Mission on Advanced And High-Impact Research (MAHIR), consider the following statements:

- 1. It is an initiative of the Ministry of Science and Technology to identify emerging technologies in the power sector.
- 2. It will support pilot projects of indigenous technologies, developed especially by Indian Start-ups, and facilitate their commercialization.
- 3. High efficiency fuel cells are one of the focus areas for the mission.

How many statements given above are correct?

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

- 83.** India is a member of which of the following multilateral export control regimes?

- 1. Wassenaar Arrangement
- 2. Nuclear Suppliers Group
- 3. Australia Group
- 4. Missile Technology Control Regime

Select the correct answer using the code given below.

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

- 84.** With reference to the Producer Price Index, consider the following statements:

- 1. It measures the average change in prices of commodities at the final stage of a transaction.
- 2. It is published by the Central Statistical Organisation (CSO).
- 3. It measures price change from the perspective of the seller.

How many of the above statements are correct?

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

- 85.** With reference to the Paramara dynasty, consider the following statements:

- 1. Parmaras ruled over the region of modern-day Northern Bihar.
- 2. Parmara were feudatories of Rashtrakutas of Manyakheta.
- 3. Harsola copper plate issued by Parmara king Siyaka- II.
- 4. Most of the Paramara's kings were Vaishnavite.

How many of the statements given above are correct?

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

86. Which of the following statements correctly describes the term "Zero FIR (First Information Report)"?
- (a) This refers to an FIR registered within the first hour of the incident.
 - (b) This refers to an FIR registered online, indicating zero use of physical paper.
 - (c) This refers to an FIR registered without any evidence or witness.
 - (d) This refers to an FIR registered irrespective of the area where the offence is committed.

87. Recently, the 13th Ministerial Conference of WTO took place in Abu Dhabi, United Arab Emirates. In this context, consider the following statements:

1. 'Permanent solution' has been attained regarding the public stock holding issue.
2. India has supported the favour of continued exemption of customs duties on e-commerce.

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

88. With reference to the 2023 International Maritime Organization strategy on reduction of GHG emissions from ships, consider the following statements:

1. It replaces the 2018 Initial Strategy and significantly strengthens shipping's greenhouse gas (GHG) reduction targets.
2. IMO member states agreed to reach net-zero GHG emissions from international shipping by around 2060.
3. It was achieved based on consensus among all 175 IMO member states.

Which of the statements given above is/are correct?

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

89. Which of the following best describes a Credit Default Swap (CDS) sometimes seen in the news?

- (a) It is a form of insurance contract protecting against currency exchange rate fluctuations.
- (b) It is a financial derivative designed to transfer credit risk from one party to another.
- (c) It is a government-sponsored program to bail out failing banks during economic crises.
- (d) It is a deal where two parties exchange payments in different currencies over an agreed period.

90. Consider the following pairs :

<i>Region often mentioned in news</i>	<i>Country</i>
---------------------------------------	----------------

- | | |
|------------|------------|
| 1. Idlib | : Iran |
| 2. Kerman | : Syria |
| 3. Irbil | : Iraq |
| 4. Panjgur | : Pakistan |

How many of the above pairs are correctly matched?

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

91. Consider the following statements regarding the Government of India Act of 1935:

1. It divided the powers between the centre and provinces into two lists that is, transferred and reserved.
2. It established a bicameral federal 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

92. Consider the following statements with regards to the literature works during the period of the Rashtrakutas:

1. Jinasena composed Parsvabhudaya, a biography of Parsva.
2. Adipurana, the life stories of various Jain saints was written by Gunabhadra.
3. Amogavarsha's Kavirajamarga was the first poetic work in Kannada language.

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

93. This particular place located close to the Bhitakanrika National Park, is known as world's largest rookery of sea turtles. It extends from Dhamara river mouth in the north to Brahmani river mouth in the south. It also has the only marine sanctuary of Odisha. Which of the following geographical features is best described by the passage given above?

- (a) Gahirmatha beach
- (b) Rushikulya river mouth
- (c) Chilika lake region
- (d) Rushikonda beach

94. Consider the following statements regarding monoclonal antibodies:

1. They are artificial antibodies that mimic the activity of our immune systems.
2. They have been used in the treatment of various diseases, including cancer and autoimmune disorders.

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

95. Consider the following statements regarding disinvestments in India:

1. Listing of Public Sector Enterprises (PSEs) on the stock market is considered as disinvestment.
2. The disinvestment process is conducted by the Department of Investment and Public Asset Management (DIPAM).

Which of the statements given is/are correct?

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

96. With reference to Deputy Speaker, consider the following statements:

1. The office of the Deputy Speaker existed before independence under the title of Deputy President.
2. In the absence of the Speaker, the Deputy Speaker holds all powers, including the disqualification of members under the tenth Schedule of the Constitution.
3. The Constitution mandates the appointment of a Deputy Speaker within six weeks from the first sitting of the newly elected Lok Sabha.

How many of the statements given above are correct?

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

97. With reference to Stem Cell Therapy consider the following statements:

1. Stem cell therapy regenerates damaged cells and tissues in the human body that utilize properties of stem cells of self-renewal and differentiation.
2. Stem cell therapy for the treatment of Autism Spectrum Disorder is permitted in India.
3. As per the regulation, any doctor who uses stem cell therapy needs to get permission from the government.

How many of the above statements are correct?

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

98. Consider the following conventions:

1. The UN Convention on Biological Diversity (CBD)
2. The UN Framework Convention on Climate Change (UNFCCC)
3. The UN Convention to Combat Desertification (UNCCD)
4. The Convention on the Conservation of Migratory Species (CMS)

How many of the above given conventions are the outcomes of Earth Summit, 1992?

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

99. The State of Cryosphere Report 2023 is compiled and released by the:

- (a) Intergovernmental Panel on Climate Change
- (b) United Nations Environment Programme
- (c) International Cryosphere Climate Initiative
- (d) National Centre for Polar and Ocean Research

100. Consider the following statements regarding Rammohan Roy:

1. He founded the Brahmo Samaj to promote monotheism and rational thinking.
2. He strongly opposed the concepts of Western philosophy.
3. "The Precepts of Jesus" was one of the important works of Rammohan Roy.

How many of the statements given above are correct?

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