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Test Booklet Series

TEST BOOKLET

C

GENERAL STUDIES (P) 2025 – Test – 4717

Time Allowed: Two Hours

Maximum Marks: 200

INSTRUCTIONS

1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS BBOOKLET 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.
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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. This type of settlement pattern is found in wide intermontane valleys or plain areas. The settlement pattern develop at crossroads where roads intersect at right angles. It is the most common settlement pattern in the Gangetic plains of India.
Which of the following correctly represents the above description?
(a) T-shaped settlement
(b) Rectangular Settlement
(c) Radial Settlement
(d) Linear Settlement

2. Consider the following statements with reference to Footloose industries:
 1. They are not dependent on any specific raw material and can be located in various places.
 2. These industries produce goods in large quantities and employ large labor forces.
 3. These tend to have minimal environmental impact and are not significant polluters.
 How many of the above statements are correct?
(a) Only one
(b) Only two
(c) All three
(d) None

3. Which of the following best describes "Gentrification" in urban geography?
(a) The gradual increase in population density in rural areas due to urban migration.
(b) The renovation of urban neighborhoods, often leading to the displacement of lower-income residents.
(c) The development of satellite towns to reduce city congestion.
(d) The uncontrolled spread of urban development into rural areas.

4. Consider the following pairs:

<i>Renewable Energy</i>	<i>Leading Producer</i>
-------------------------	-------------------------

- | | |
|---------------|-----------------|
| 1. Solar | : China |
| 2. Wind | : United States |
| 3. Geothermal | : China |
| 4. Tidal | : South Korea |

Which of the pairs given above are correctly matched?

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

5. Consider the following statements with reference to Population Growth in India:

1. In the period 1921-1951, India witnessed population explosion due to reduced mortality rates.
2. India never witnessed a decadal negative population growth in the 20th century due to high birth and illiteracy in the country.
3. Post Independence, India witnessed a consistent decline in population growth rate due to improved quality of life particularly education of females in the country.

How many of the statements given above are correct?

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

6. Consider the following statements:
1. According to the Census of India, children aged 0 to 6 are not counted in literacy statistics.
 2. A person is considered literate, only if, he can both read and write with understanding in any language mentioned in schedule 8 of the Indian constitution.
 3. India's literacy rate has been increasing steadily since 1951.

Which of 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

7. Consider the following statements:

Statement-I: The coverage area of a satellite-based communication system is greater than that of a terrestrial-based communication system.

Statement-II: Unlike terrestrial communication systems, satellite-based systems are not dependent upon cables to provide internet connectivity.

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

8. With reference to global shipping routes, consider the following statements:

1. With the melting of arctic ice caps, Northern Sea Routes (NSR) emerged as a shorter route to connect Europe and Asia than the Suez Canal.
2. The English Channel is the busiest ocean shipping lane in the world.

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

9. In the context of delta formation by rivers, consider the following pairs:

<i>River</i>		<i>Delta Types</i>
1. Mississippi	:	Bird's Foot
2. Ganga	:	Cuspate
3. Ob	:	Estuarine

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

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

10. With reference to wind energy in India, consider the following statements:

1. Onshore wind energy projects have better reliability and lower storage requirements than offshore projects.
2. The coasts of Tamil Nadu and Andhra Pradesh have been chosen as the site for India's first-ever offshore wind energy project.
3. Andhra Pradesh has the highest wind energy potential in India.

How many of the statements given above are correct?

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

11. Which of the following pairs is *not* correctly matched with respect to major urban settlements of India and their location along the rivers?

- (a) Madurai: Vaigai River
- (b) Gaya: Falgu River
- (c) Ahmedabad: Sabarmati River
- (d) Hyderabad: Tungabhadra

12. Consider the following:

- 1. Population density
- 2. Population growth rate
- 3. Major economic activity
- 4. Literacy rate
- 5. Population size

Which of the above factors are taken into account while delineating an area as a census town in India?

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

13. Consider the following statements regarding limestone production in India :

- 1. Limestone is primarily used in the cement industry.
- 2. West Bengal is the largest limestone producer in the country.
- 3. India does not import any limestone and is self-sufficient.

Which of the statements given above is/are correct?

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

14. Consider the following statements regarding livestock in India:

- 1. The total livestock population in the country is more than a billion.
- 2. The contribution of livestock to total agriculture Gross Value Added (GVA) is less than 20%.

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

15. Consider the following pairs :

<i>Dam</i>	<i>River</i>
1. Idukki Dam	: Periyar
2. Ukai Dam	: Brahmaputra
3. Mettur Dam	: Cauvery

How many of the pairs given above are correctly matched?

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

16. Which of the following rural settlement patterns in India is most commonly associated with areas that prioritize defense and security from external threats, such as thefts or raids?

- (a) Linear settlements
- (b) Dispersed settlements
- (c) Clustered settlements
- (d) Hamleted settlements

17. Arrange the following states in increasing order of their population density as per the census 2011:

1. West Bengal
2. Kerala
3. Uttar Pradesh
4. Bihar

Select the correct answer using the code given below.

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

18. Arrange the following oil refineries in India from north to south:

1. Panipat
2. Tatipaka
3. Numaligarh
4. Barauni

Select the correct answer using the code given below.

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

19. Which of the following cities is *not* the capital city of any country?

1. Dublin
2. New York City
3. Frankfurt
4. Tbilisi

Select the correct answer using the code given below.

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

20. According to EnviStats India-2024 report, Nagarjuna Sagar-Srisailem Tiger Reserve has been ranked first among tiger reserves for hosting largest leopard population. Which of the following Ministry releases this report?

- (a) Ministry of Environment, Forest and climate change
- (b) The Ministry of Statistics and Programme Implementation
- (c) Ministry of New and Renewable Energy
- (d) Ministry of Finance

21. Consider the following statements regarding fisheries sector in India:

1. More than 70% of fish production in India is contributed by the inland fisheries.
2. Seafood exports in India doubled between 2013-14 and 2023-24.
3. Currently, the total fish production in India is more than 20 million tonnes.

How many of the above statements are correct?

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

22. Consider the following statements regarding racial groups of India:

1. Santhal and Munda tribes belong to the Proto-Australoid racial group.
2. The Proto-Australoid is also known as the Pre-Dravidian race.

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

23. In the context of the functioning of the Panama Canal, consider the following statements:

1. The Panama Canal connects the Atlantic Ocean with the Pacific Ocean.
2. The Panama Canal is the world's longest man-made waterway.
3. Unlike Suez Canal, the Panama Canal is a lock-type canal, allowing ships to move between different sea levels.

Which of the statements given above is/are correct?

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

24. With reference to 2011 Census of India, consider the following statements:

1. Child-sex ratio among Scheduled Tribes (STs) is higher than that of the general population.
2. The population growth rate of STs was higher than that of the general population between 2001 and 2011.

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

25. With reference to the Sahibi River, which was recently traced by the Indian National Trust for Art and Cultural Heritage (INTACH), consider the following statements:

1. It originates in Uttar Pradesh.
2. It is a tributary of the Yamuna River.

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

26. Consider the following information:

<i>National Waterway</i>	<i>Associated River</i>	<i>Major City</i>
--------------------------	-------------------------	-------------------

- | | | |
|------------------------------|-------------|-------------|
| 1. National Waterway 1 (NW1) | Brahmaputra | Kolkata |
| 2. National Waterway 2 (NW2) | Ganga | Dhubri |
| 3. National Waterway 4 (NW4) | Godavari | Rajahmundry |

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

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

27. Consider the following pairs:

<i>Tribe</i>	<i>State/UT</i>
1. Koya	: Andhra Pradesh
2. Changpa	: Ladakh
3. Shompen	: Lakshwadeep

How many of the above pairs are correctly matched?

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

28. Arrange the following countries according to the decreasing amount of coal reserves in the world.

1. India
2. United States
3. Australia
4. Russia

Select the correct answer using the code given below.

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

29. Consider the following criteria:

1. Population growth
2. Infant Mortality Rate
3. Economic situation
4. Gross Production Rate
5. Literacy rate

Which of the above criteria are taken into account while determining a tribe as a Particularly Vulnerable Tribal Group (PVTG)?

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

30. Recently, Rani Durgavati was remembered on her 500th Birth Anniversary. In this context, consider the following statements:

1. She was a contemporary of Mughal Emperor Akbar.
2. She was the queen of Chandela dynasty of Mahoba.

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

31. Blue-collar workers are associated with which of the following activities?

- (a) Quinary activities
- (b) Tertiary activities
- (c) Primary activities
- (d) Secondary activities

32. Recently, India's LUPEX mission was seen in news which is envisaged to explore the dark side of the moon. What is the reason the 'Far side' of the Moon, often called the 'Dark side of the Moon,' is not visible from Earth?

- (a) The Moon's rotation period is significantly faster than its revolution around the Earth, causing the same side to face the Earth constantly.
- (b) The Earth rotates on its axis faster than the Moon orbits the Earth, resulting in the far side being out of view from any location on Earth.
- (c) The Moon is tidally locked with the Earth causing the same side to always face Earth.
- (d) The gravitational pull of the Earth distorts the Moon's orbit, preventing the visibility of the far side from Earth.

33. Recently, which of the following languages were given the 'classical language' status?

1. Bangla
2. Marathi
3. Prakrit

Select the correct answer using the code given below.

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

34. Consider the following pairs:

<i>Coal mines</i>	<i>Country</i>
1. Black Thunder	: USA
2. Kusmunda Coal	: Japan
3. Gevra OC	: India

How many of the above pairs are correctly matched?

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

35. Consider the following statements regarding crops in India:
1. Rabi crops are typically sown in winter and harvested in the spring.
 2. Castor can be grown in both Kharif and Rabi seasons and is also an MSP-listed crop.
- 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
36. Which of the following is the correct description of India's population pyramid?
- (a) It is bottom heavy and tapered at top.
 - (b) It has a wide base, narrow centre and wide top.
 - (c) It is inverted triangular shaped with a narrow base.
 - (d) It is bell-shaped with a flat top.
37. With reference to Inland water transportation (IWT), consider the following statements:
1. Greenhouse gas emissions from IWT are significantly lower than road transportation.
 2. The government set up the target of 10% IWT in India's modal mix as per Maritime India Vision 2030.
 3. The Arth Ganga project was initiated to improve the transportation of goods and passengers through National Waterways No. 1.
- 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

38. Consider the following pairs with reference to Thermal Power Station in India:
- | Thermal Power Plant | State |
|---------------------|------------------|
| 1. Namrup | : Assam |
| 2. Koradi | : Gujarat |
| 3. Vanakbari | : Maharashtra |
| 4. Kottagudam | : Andhra Pradesh |
- How many pairs given above are correctly matched?
- (a) Only one pair
 - (b) Only two pairs
 - (c) Only three pairs
 - (d) All four pairs
39. Which of the following statements best describes biopolymer?
- (a) It is a biodegradable polymer derived from petrochemical sources used in the production of plastics.
 - (b) It is a natural material produced by plants and animals that can be used for industrial purposes.
 - (c) It is a material made from biological sources such as fats, vegetable oils, and sugars, which can be used to replace conventional plastics.
 - (d) It is a type of artificial fiber made from wastes designed for making high-strength fabrics and textiles.
40. Arrange the following Asian countries in the decreasing order of their populations.
1. Japan
 2. South Korea
 3. Kazakhstan
 4. Thailand
- Select the correct answer using the code given below.
- (a) 2-1-3-4
 - (b) 2-3-1-4
 - (c) 1-4-2-3
 - (d) 1-2-3-4

41. With reference to Ukraine's mineral reserves, consider the following statements:
1. Ukraine holds the largest titanium reserves in Europe.
 2. Ukraine has the world's largest deposits of Gallium rich Spodumene mineral.
 3. The Donets coal basin in Ukraine is one of the major coal fields in the world.
- 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
42. Arrange the following ferrous mineral deposits in India from east to west:
1. Ratnagiri
 2. Tumkur
 3. Bailadila
 4. Mayurbhanj
- Select the correct answer using the code given below.
- (a) 1-2-3-4
 - (b) 2-3-1-4
 - (c) 4-3-2-1
 - (d) 1-2-4-3
43. In the context of life-cycle of a star, consider the following statements about white dwarfs:
1. It is the core left behind after a red giant exhausts its nuclear fuel and sheds its outer layers.
 2. The Chandrasekhar limit is the maximum mass possible for a star to become stable white dwarf star.
- Which of the above statements is/are correct?
- (a) 1 only
 - (b) 2 only
 - (c) Both 1 and 2
 - (d) Neither 1 nor 2

44. Consider the following statements:
1. This community is known for its traditional hunting and gathering lifestyle.
 2. They are primarily found in the dense forests of the Congo basin in Central Africa.
 3. They are characterized by their short stature.
- Which one of the following tribes has been described by the above-given characteristics?
- (a) Pygmies
 - (b) Masai
 - (c) Orang Asli
 - (d) Hausa
45. Consider the following statements :
1. The total production of food grains in India is more than 300 million tonnes.
 2. Tamil Nadu is the largest producer of potatoes in India.
 3. India is the largest consumer and producer of Pulses in the world.
- Which of the statements given above is/are correct?
- (a) Only one
 - (b) Only two
 - (c) All three
 - (d) None
46. Consider the following pairs:
- | Mineral | | Top Producer |
|-------------|---|--------------|
| 1. Chromite | : | Odisha |
| 2. Gold | : | Karnataka |
| 3. Copper | : | Rajasthan |
- How many of the pairs given above are correctly matched?
- (a) Only one
 - (b) Only two
 - (c) All three
 - (d) None

47. Recently, a Kerala man was diagnosed with a rare disease Murine Typhus. In this context, consider the following statements regarding Murine Typhus:

1. It is a viral disease.
2. It is transmitted through flea bites.
3. It is contagious between humans.

Which of the statements given above is/are correct?

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

48. The 29th COP to the United Nations Framework Convention on Climate Change (UNFCCC) will begin in Baku, the capital of Azerbaijan which surrounds the Caspian Sea. Which all countries given below opens to Caspian Sea?

1. Armenia
2. Georgia
3. Iran
4. Turkmenistan

Select the correct answer using the code given below.

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

49. Consider the following:

1. Magnetite
2. Haematite
3. Bauxite
4. Siderite

How many of the above are types of iron ores found in the world?

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

50. Which of the following statements regarding the textile sector of India are correct?

1. It is the second largest employer after agricultural sector in India.
2. India holds a 4% share of global trade in textiles and apparel, making it the second-largest exporter in the world.
3. 100% Foreign Direct Investment (FDI) is permitted in the textile and apparel sector in India.

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

51. With reference to road transportation in India, consider the following statements:

1. The Pune plan was India's first road development plan formulated before independence.
2. The India–Myanmar–Thailand Trilateral Highway aims to create a road link between South Asia and Southeast Asia by connecting Moreh in India to Chiang Mai in Thailand.
3. Chardham project aims to connect all four mathas established by Adi Shankaracharya in four corners of India through expressways.

How many of the statements given above are correct?

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

52. Consider the following pairs with reference to Dams in India:

Dam		River
1. Panchet	:	Barakar
2. Tilaiya	:	Damodar
3. Salal	:	Chenab
4. Rengali	:	Brahmani

How many pairs given above are correctly matched?

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

53. An annular solar eclipse will be visible in parts of South America in 2024. In this context, consider the following statements regarding solar eclipse :

- 1. It can occur only during the New Moon.
- 2. It occurs only once every two to three years.
- 3. Annular Solar Eclipse occurs when the moon is at or near its farthest point from the Earth.

How many of the above given statements are correct?

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

54. In terms of wheat production, arrange the following states in decreasing order (2022-23):

- 1. Punjab
- 2. Uttar Pradesh
- 3. Haryana
- 4. Madhya Pradesh

Select the correct answer using the code given below.

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

55. Recently, the Union Cabinet approved setting up of National Maritime Heritage Complex (NMHC) in

- (a) Gujarat
- (b) Rajasthan
- (c) Tamil Nadu
- (d) Kerala

56. With reference to India, consider the following statements regarding Overseas Citizens of India (OCI):

- 1. OCI holders are on par with NRIs with respect to economic and educational rights.
- 2. They are eligible to hold constitutional posts in India.
- 3. They receive a life- long visa to visit India and an exemption from registering with local authorities for extended stays.

Which of the statements given above is/are correct?

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

57. The term "Trade Weaponization" was recently seen in the news. It refers to the

- (a) use of military force to block trade routes, to selectively hinder trade of one or more than one nations.
- (b) imposition of free trade agreements on other countries to promote demilitarisation.
- (c) use of trade as a tool of foreign policy to coerce another nation into taking specific actions for a desired outcome.
- (d) trend of increasing share of weapons in international trade.

- 58.** With reference to biofuel energy, consider the following statements:
1. Cow dung, agriculture residue, and municipal solid waste can be used for biofuel production in India.
 2. Biofuel can be used as fuel in jet engines.
 3. Global Biofuels Alliance is an Indian initiative.
- 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
- 59.** With reference to Iron ore deposits in India, consider the following statements:
1. Magnetite ore is primarily present in the Dharwar and Cuddapah systems of rocks in Karnataka.
 2. Sandur range in Karnataka is one of the key iron-producing regions in southern India.
 3. Karnataka is the largest producer of Iron ore in the country followed by Odisha and Chhattisgarh.
- How many of the statements given above are correct?
- (a) Only one
(b) Only two
(c) All three
(d) None
- 60.** Recently, National Commission for Backward Classes tendered advice to Union Government for inclusion of certain castes from Maharashtra, in the Central List of OBCs. Which Article of the Indian Constitution empowers the President to specify socially and educationally backward classes for States and UTs?
- (a) Article 300
(b) Article 297
(c) Article 280
(d) Article 342A

- 61.** Consider the following statements:
- Statement I: Monazite is a critical source of India's unconventional source of energy.
- Statement II: Monazite is a mineral that contains rare earth elements (REEs) and thorium.
- 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
- 62.** Which of the following statements best describes the term 'Algaculture', sometimes seen in the news?
- (a) It is a new technique of cultivating plants in vertical farms for efficient land use.
(b) It is a method of organic farming focused on improving soil health using animal waste.
(c) It refers to the process of preserving marine biodiversity through coral reef restoration.
(d) It refers to the cultivation of algae for the production of biofuels, food supplements, and pharmaceuticals.
- 63.** The recently launched BharatGen by the Government of India refers to a/an:
- (a) indigenously developed payment interface for rural India.
(b) open source platform to promote marketing of generic medicines.
(c) common database to be shared among public research institutions on genome sequencing.
(d) generative AI systems that produce high-quality text, speech, and other content in multiple Indian languages.

64. Consider the following statements with respect to the internal migration pattern in India as per census 2011:

1. Intrastate migration grew faster than interstate migration between 2001 and 2011.
2. The rural-to-rural internal migration in India was higher than rural-to-urban migration.

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

65. Consider the following pairs:

<i>Settlement Patterns</i>	<i>Factors Influencing Formation</i>
1. Dispersed settlement	: Fertile alluvial plains
2. Linear settlement	: Proximity to a river or road for transportation.
3. Circular settlement	: Centralized water resource like a well or tank

How many of the above pairs are **not** correctly matched?"

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

66. Which of the following statements about Advanced Glycation End Products (AGEs) is correct?

- (a) They are beneficial compounds formed during low-temperature cooking.
- (b) Consumption of AGE-rich ultra-processed foods can lead to oxidative stress and inflammation, which are underlying causes of diabetes.
- (c) A high-AGE diet is recommended for improving insulin sensitivity and reducing inflammation.
- (d) They are only formed when sugars react with proteins.

67. Which of the following minerals is an example of a Non-Ferrous Mineral?

1. Manganese
2. Gold
3. Copper
4. Graphite

Select the correct answer using the code given below.

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

68. Consider the following statements regarding the Global Hunger Index (GHI) 2024:

1. It is released jointly by UNICEF and Food and Agriculture Organization.
2. India ranks 105th out of 127 countries in the GHI.
3. India has shown improvement in its overall GHI score since 2000.

Which of the statements given above is/are correct?

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

69. Consider the following statements regarding oilseeds production in India :

1. Rajasthan is the largest producer of oilseeds in India.
2. Madhya Pradesh has the largest area under oilseeds in India.
3. Groundnut has the largest share among the oilseeds production in India.

Which of the statements given above are correct?

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

70. Recently there has been a demand to include Ladakh in the Sixth Schedule of the Indian Constitution. Which of the following states are already included in the Sixth Schedule ?

1. Manipur
2. Meghalaya
3. Assam
4. Arunachal Pradesh
5. Tripura

Select the correct answer using the code given below.

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

71. Consider the following statements:

1. They are predominantly found in East Asia and parts of Southeast Asia.
2. They are characterized by medium body build.
3. They can also be found among the Eskimos and Native Americans

Which one of the following groups has been described by the above-given characteristics?

- (a) Mongoloid
- (b) Caucasoid
- (c) Negroid
- (d) Capoid

72. Which of the following types of industries is most likely to prioritize proximity to raw material sources in its location decision?

- (a) Textile manufacturing
- (b) Electronics assembly
- (c) Cement manufacturing
- (d) Software development

73. With reference to dedicated freight corridors (DFC), consider the following statements:

1. The eastern DFC connects Ludhiana in Punjab to Dankuni in West Bengal through a 100% electrified double-track segment.
2. Western DFC, funded by the World Bank, connects Dadri in Uttar Pradesh to Jawaharlal Nehru Port in Mumbai.
3. The Dedicated Freight Corridor (DFC) project aims to increase rail's share to 40% by 2025.

How many of the statements given above are correct?

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

74. In the context of global crude oil reserves, consider the following statements:

1. Saudi Arabia holds the largest proven crude oil reserves in the world.
2. OPEC member countries collectively account for more than 75% of the world's proven crude oil reserves.

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

75. In the context of World Railways, arrange the following countries on total route length of the railway network in decreasing order:

1. United States
2. India
3. Canada
4. Russia

Select the correct answer using the code given below.

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

76. Recently, Nobel prize in Physiology was awarded for discovery of microRNAs, consider the following statements:

1. They regulate gene expression by binding to mRNA and preventing it from being translated into proteins.
2. They are involved in the differentiation of stem cells and development of tissues and organs.
3. While they are associated with cancer development, they may also act as tumour suppressors.

Which of the statements given above is/are correct?

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

77. Recently, the Department of Atomic Energy (DAE) inaugurated the Major Atmospheric Cherenkov Experiment (MACE) Observatory at Hanle, Ladakh to observe high-energy gamma rays. In this context, consider the following:

1. Pulsars
2. Supernova Explosions
3. Regions around Black Hole
4. Lightning

How many of the above produce gamma rays?

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

78. In the context of rare earth elements, consider the following statements:

1. Rare Earths are a group of more than 50 elements with limited geological availability.
2. China is the largest global producer and supplier of rare earth elements.
3. India has the second largest reserves of rare earth elements in the world.

How many of the statements given above are correct?

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

79. Consider the following statements:

1. It is a soft, silvery-white alkali metal popularly known as “white gold”.
2. It has a very high demand in the electric vehicle sector.
3. Reasi district in Jammu and Kashmir and Mandya district in Karnataka are known for their significant deposits.

Which of the following metals has been characterized by the above-given statements?

- (a) Iron
- (b) Nickel
- (c) Lithium
- (d) Aluminium

80. With reference to non-ferrous minerals, consider the following statements:

1. More than 99% of Zinc in India is produced in a single district of Rajasthan.
2. Majority of silver production in India comes from Zawar mines.
3. Gold is obtained from the sands of the Subarnarekha River.

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

81. Consider the following pairs:

<i>Tribe</i>	<i>Country</i>
1. Kawahiva	: Brazil
2. San	: Botswana
3. Jarawa	: India

How many of the above pairs are correctly matched?

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

82. Consider the following:

- 1. Puga
- 2. Chhumathang
- 3. Manikaran
- 4. Tattapani

The above-mentioned sites in India are related to which of the following energy sources?

- (a) Tidal energy
- (b) Nuclear energy
- (c) Wind
- (d) Geothermal energy

83. Consider the following pairs:

<i>Minerals</i>	<i>Leading Producer Country</i>
1. Gold	: China
2. Tin	: Indonesia
3. Platinum	: South Africa
4. Silver	: Mexico

How many of the above given pairs are correctly matched?

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

84. Which of the following regions of India are known for shale gas resources?

- 1. Cambay Basin
- 2. Gondwana Basin
- 3. Krishna-Godavari Basin
- 4. Arakan Basin

Select the correct answer using the code given below.

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

85. It is a rare animal, primarily found in the tall, dense grasslands of Assam. It constructs dome-shaped nests from vegetation and lives in small family groups. This species serves as an indicator of the health of its habitat, reflecting the condition of the wet grasslands in the region. Currently, it is classified as endangered on the IUCN Red List and is protected under Schedule I of the Wildlife (Protection) Act, 1972.

Which one of the following species has been described in the above given passage?

- (a) Visayan Warty Pig
- (b) Hog Deer
- (c) Hispid Hare
- (d) Pygmy Hog

86. Consider the following statements regarding Ken-Betwa River Link Project:

- 1. It aims to transfer water from the surplus Betwa River to the water-scarce Ken River.
- 2. The project is expected to improve irrigation and drinking water availability in Bundelkhand region.
- 3. Daudhan Dam is associated with the Ken-Betwa Link Project.

How many of the above statements are correct?

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

87. Consider the following statements regarding Synthetic Medical Imaging :
1. These are AI-generated images, created without using traditional imaging devices like MRI, CT scans, or X-rays.
 2. They are created without using patient data, reducing privacy concerns.
- 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. Consider the following pairs:
- | Transport Corridor | Connects |
|-----------------------------------|--------------------------|
| 1. North-South Transport Corridor | : India and Europe |
| 2. East-West Economic Corridor | : Vietnam and Myanmar |
| 3. Lapis Lazuli Corridor | : Afghanistan and Turkey |
- How many of the above given pairs are correctly matched?
- (a) Only one
(b) Only two
(c) All three
(d) None
89. Consider the following:
1. The climate ranges from arid in the western part to sub-humid in the eastern part.
 2. Red, yellow and black type of soils are found here.
 3. The region comprises southern part of the Malwa and Deccan plateau.
 4. The area is known for its oranges, grapes and bananas.
- How many of the above are the features of Central Plateau and Hills Agro-climatic regions in India?
- (a) Only one
(b) Only two
(c) Only three
(d) All four

90. Which of the following is least likely to influence the location of a large-scale aluminum smelting industry?
- (a) Access to cheap sources of energy
(b) Proximity to skilled labor supply
(c) Access to high-quality raw materials
(d) Proximity to a large urban market
91. Consider the following statements regarding Thorium:
1. Natural thorium is present in trace quantities in virtually all rock, soil and water.
 2. Thorium is solid under normal conditions.
 3. All natural and man-made forms of thorium are radioactive.
- Which of the statements given above is/are correct?
- (a) 1 only
(b) 2 and 3 only
(c) 1, 2 and 3
(d) 2 only
92. This is the most important crop of the north and north-western parts of the country. This crop requires a cool growing season and bright sunshine at the time of ripening. It requires 50 to 75 cm of annual rainfall evenly distributed over the growing season. The major crop-producing states are Punjab, Haryana, Uttar Pradesh, Bihar, Rajasthan and parts of Madhya Pradesh.
- Which of the following crops is best described by the passage given above?
- (a) Maize
(b) Cotton
(c) Millets
(d) Wheat

93. Which of the following statements describes the Anaconda Strategy, recently seen in the news?

- It is an international effort for conservation of equatorial riverine ecosystems, with Anaconda as a keystone species.
- It is a geopolitical strategy that involves a combination of military tactics, psychological pressure, and cyber warfare.
- It is a trade practice that involves rerouting goods through Free Trade Agreement countries to evade import duties.
- It is an economic policy aimed at gradually restricting the flow of foreign investments into key industries to gain economic dominance.

94. Consider the shaded area in the following map:



Which of the following is depicted in the above given picture?

- Iron Ore Mines
- Copper Mines
- Coal Mines
- Aluminium Mines

95. With reference to copper mining, consider the following statements:

- Rajasthan has India's largest copper reserves.
- Malankhand mine known for its high-grade copper reserves is located in Jharkhand.
- Hindustan Copper Limited is the only producer of copper ore in India.

How many of the statements given above are correct?

- Only one
- Only two
- All three
- None

96. In the context of mineral resources of India, Narwapahar, Turamdih, Jaduguda are mines of

- Bauxite
- Uranium
- Mica
- Lead

97. Consider the following:

- World's Orchard
- Olive oil production
- Viticulture

Which of the following climatic regions is characterized by the above given characteristics?

- British-type Climate
- Laurentian Climate
- Monsoon Climate
- Mediterranean Climate

98. Which of the following urban settlement types refers to a smaller town that is located near a large city and serves as a residential area for people working in the city?

- Conurbation
- Satellite town
- Ghettos
- Exurb town

99. Consider the following statements regarding the impact of Atmospheric Rivers shifting toward higher latitudes:

1. Higher latitude regions may witness more extreme rainfall and flooding.
2. Subtropical areas may experience longer droughts and reduced water supplies, impacting agriculture.
3. It could decrease sea-ice melting, reducing global warming.

How many of the above statements are correct?

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

100. Consider the following statements regarding Solar Energy in India :

1. Currently the installed capacity of solar power in India is more than 150 GW.
2. Gujarat has the highest installed solar power capacity in India.
3. Bhadla Solar Park, the largest solar power plant in India is located in Gujarat.

How many of the above statements are correct?

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