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Test Booklet Series

TEST BOOKLET

C

GENERAL STUDIES (P) 2025 – Test – 4718

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.
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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. Which of the following statements best describes the term "Bioprospecting"?
 - (a) The extraction of natural resources without following environmental guidelines.
 - (b) The systematic search for biological materials that can be developed into commercially valuable products.
 - (c) The illegal poaching and trade of endangered wildlife for medicinal purposes.
 - (d) A global initiative aimed at conserving genetic material from rare plant species.

2. Consider the following statements regarding the Kunming-Montreal Global Biodiversity Framework (KM-GBF) :
 1. It was adopted during COP 15 to the Convention on Biological Diversity.
 2. The United States is not a party to the Kunming-Montreal Global Biodiversity Framework.
 3. Under KM-GBF India has committed to prioritize effective restoration of at least 50% of degraded terrestrial, inland water, marine, and coastal ecosystems.

Which of the statements given above is/are correct?

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

3. With reference to the problem of 'Pollinator Decline', consider the following statements:
 1. It refers to the reduction in insect and animal pollinators in many ecosystems worldwide.
 2. It could lead to an increase in the prevalence of malnourishment and undernourishment.

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

4. With reference to Project Tiger, consider the following statements:
 1. The National Tiger Conservation Authority (NTCA) is a statutory body under the chairmanship of the Prime Minister of India
 2. As per the latest tiger census, India is home to more than 70% of the world's tiger population.
 3. Rajasthan has the highest number of tiger reserves under Project Tiger.

Which of the statements given above is/are correct?

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

5. Consider the following pairs:

<i>National Park</i>	<i>State</i>
1. Guindy National Park	: Karnataka
2. Bannerghatta National Park	: Andhra Pradesh
3. Guru Ghasidas National Park	: Chhattisgarh
4. Marugvani National Park	: Telangana

Which of the following pairs given above are correctly matched?

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

6. Which of the following best explains the main purpose of PARAKH Rashtriya Sarvekshan 2024, which is recently seen in the news?
- (a) To assess schools' performance in key subjects at the system level and align with international surveys like PISA.
 - (b) To evaluate India's agricultural productivity and monitor crop resilience at the district level across different states.
 - (c) To measure the physical health and fitness levels of students across Indian schools, setting benchmarks for future improvements.
 - (d) To survey India's rural households on income and livelihood standards, ensuring alignment with global poverty assessment criteria.

7. Consider the following statement with reference to natural World Heritage Sites in India:

- 1. Sundarbans is the largest natural World Heritage Site in India.
- 2. Khangchendzonga National Park is the only mixed natural World Heritage Site in India having both cultural and natural significance.

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

8. *It is a gradation from one ecosystem to another when there is no sharp boundary between the two. It denotes a gradual, continuous change in the species composition between two ecosystems or communities of organisms across an environmental gradient.* Which of the following terms is best described by the above passage?

- (a) Ecophene
- (b) Ecocline
- (c) Ecotypes
- (d) Ecotone

9. Consider the following statements:

- 1. Mammals of colder climate generally have shorter ears to minimize heat loss.
- 2. Aquatic animals in the polar seas have a thick layer of fat below their skin to reduce the loss of body heat.

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

10. Consider the following statements regarding melanistic tigers:

- 1. These tigers have a dark coat with stripes that may appear almost black due to a genetic mutation.
- 2. The Similipal Tiger Reserve in Odisha is home to such melanistic tigers.

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

11. Nature Restoration Law, sometimes seen in news, is related to which of the following?

- (a) European Union
- (b) United Nations
- (c) India
- (d) Latin America

12. Consider the following pairs:

<i>Biological</i>	<i>Effects</i>
--------------------------	-----------------------

Interaction

- | | | |
|-----------------|---|---|
| 1. Commensalism | : | Benefitted for one but the other species are unaffected |
| 2. Competition | : | Harmful for one but the other species are unaffected |
| 3. Amensalism | : | Harmful for both |

How many of the above pairs are correctly matched?

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

13. Myristica Swamp Forests in India are primarily found in which of the following regions?

- (a) Eastern Himalayas
- (b) Western Ghats
- (c) Indo-Gangetic Plains
- (d) It refers to the coniferous forests found in the Arctic region, characterized by permafrost.

14. Demchok, recently seen in the news, is located in

- (a) Southeastern Ladakh
- (b) Eastern Himachal Pradesh
- (c) Sikkim
- (d) Arunachal Pradesh

15. Which of the following are indicator species?

- 1. Tubifex tubifex
- 2. Sparrow
- 3. Mosses
- 4. River otter

Select the correct answer using the code given below.

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

16. A Biodiversity Hotspot is a concept introduced by Norman Myers, as the biogeographic region that has significant levels of biodiversity and is threatened by human habitation. In this context consider the following statements:

- 1. These areas are extremely rich in species, have high endemism, and are under constant threat.
- 2. They have 30% or less of their original natural vegetation.
- 3. Out of a total of 36 biodiversity hotspots are in India.

How many of the statements given above are correct?

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

17. The word 'Tardigrade' is sometimes mentioned in media in reference to:

- (a) a species of marine corals
- (b) a microorganism capable of surviving extreme environmental conditions
- (c) a geological structure found in the Arctic region
- (d) a fossilized plant species from the Paleozoic era

18. Consider the following statements regarding Tiger Reserves in India:
1. Sunderbans Tiger Reserve has the largest area under "Critical Tiger Habitat".
 2. Jim Corbett Tiger Reserve has the highest tiger density among all tiger 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

19. Recently, India has been ranked 176 out of 180 countries under the Global Nature Conservation Index. It is released by
- (a) United Nations Environment Programme
(b) World Wide Fund for Nature
(c) Conservation International
(d) None

20. Consider the following pairs:
- | <i>Temperate grasslands</i> | <i>Region</i> |
|-----------------------------|-------------------|
| 1. Prairies | : Asia |
| 2. Veld | : Southern Africa |
| 3. Pampas | : South America |
| 4. Steppe | : North America |
- How many of the above pairs are correctly matched?
- (a) Only one
(b) Only two
(c) Only three
(d) All four

21. Consider the following pairs:
- | <i>Trophic Levels</i> | <i>Example</i> |
|-------------------------|-----------------|
| 1. First Trophic level | : Zooplankton |
| 2. Second Trophic level | : Phytoplankton |
| 3. Third Trophic level | : Grasshopper |
- How many of the above pairs are correctly matched?
- (a) Only one
(b) Only two
(c) All three
(d) None

22. Consider the following statements regarding mangroves in India:
1. West Bengal has the largest area of mangroves in India.
 2. India's share in the world's mangrove area is more than 20%.
 3. Mangrove trees have a viviparous seed dispersal mechanism.
- How many of the above statements are correct?
- (a) Only one
(b) Only two
(c) All three
(d) None

23. Consider the following pairs:
- | <i>Wildlife Sanctuary</i> | <i>State</i> |
|---------------------------|--------------|
| 1. Barak Bhuvan | : Karnataka |
| 2. Kaimur | : Bihar |
| 3. Eturanagaram | : Kerala |
- How many of the pairs given above are correctly matched?
- (a) Only one
(b) Only two
(c) All three
(d) None

24. This protected area was recently declared a fully disabled-friendly ecotourism destination and a carbon-negative national park. It is also the land of "neelakurinji", the flower that blooms once in twelve years. The highest peak of the Western Ghats is also located within the boundaries of this national park. This is also home to the largest population of the endangered Nilgiri Tahr.
- Which of the following protected areas is being described in the passage given above?
- (a) Nagarhole National Park
(b) Silent Valley National Park
(c) Eravikulam National Park
(d) Mukurthi National Park

25. Consider the following pairs regarding the Coastal Regulation Zones (CRZs):

CRZs	Description
1. CRZ-I A	: Ecologically Sensitive Areas
2. CRZ-II	: Areas that have been developed up to or close to the shoreline
3. CRZ-IV A	: Area between low tide line and high tide line

How many of the pairs given above are correctly matched?

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

26. Which of the following best describes the term 'Biodiversity Coldspot'?

- (a) It is an area that houses the largest incidences of biodiversity with high species richness and endemism.
- (b) It is a bio-geographic region with a significant reservoir of biodiversity that is threatened with destruction
- (c) It is an area that has relatively low biological diversity but also includes threatened or rare species.
- (d) It is a geographic region with extreme physical environments and high species richness.

27. Which of the following are examples of man-made ecosystems?

- 1. Crop fields
- 2. Grassland
- 3. Aquarium
- 4. Streams

Select the correct answer using the code given below.

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

28. Consider the following statements with reference to World Network of Mountain Biosphere Reserves:

- 1. Over 50% of the biosphere reserves globally are situated in mountainous regions.
- 2. The Cold Desert Biosphere Reserve of India is included in the World Network of Mountain Biosphere Reserves.
- 3. UNESCO launched the World Network of Mountain Biosphere Reserves in December 2021.

How many of the statements given above are correct?

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

29. Arrange the following levels of organization of ecology in the ascending order.

- 1. Biome
- 2. Ecosystem
- 3. Landscape
- 4. Biosphere

Select the correct answer using the code given below.

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

30. Consider the following statements with reference to Lake Kariba, which was recently in the news:

- 1. It is the world's largest artificial lake by volume.
- 2. It is located in Mexico.

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.** Which of the following is/are correct with reference to biomagnification?
1. It results in increasing concentration of certain compounds along the food chain.
 2. The compounds that get biomagnified are mostly biodegradable.
- Select the correct answer using the code given below.
- (a) 1 only
(b) 2 only
(c) Both 1 and 2
(d) Neither 1 nor 2
- 32.** Eco-Sensitive zones are areas that act as “shock absorbers” for the protected areas against any non-forest activity. Which of the following activities are strictly prohibited in Eco-Sensitive Zones?
1. Commercial use of firewood
 2. Establishment of major hydroelectricity power projects
 3. Movement of vehicular traffic at night
 4. Rainwater harvesting
- Select the correct answer using the code given below.
- (a) Only one
(b) Only two
(c) All three
(d) None
- 33.** With reference to elephant conservation, consider the following statements:
1. The Singhbhum elephant reserve in Jharkhand is the largest elephant reserve in India.
 2. Terai elephant reserve is India’s first elephant reserve under Project Elephant.
- 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

- 34.** Living organisms cannot use the nitrogen directly from the atmosphere. Nitrogen is converted into usable forms through which of the following?
1. By use of chemical fertilisers
 2. Natural lightning in atmosphere
 3. Blue green algae
- Select the correct answer using the code given below.
- (a) 2 only
(b) 3 only
(c) 2 and 3 only
(d) 1, 2 and 3
- 35.** Consider the following statements with respect to the Marine Protected Areas (MPAs):
1. They are defined under the Wildlife Protection Act of 1972.
 2. It can be declared as a national park or a wildlife sanctuary.
- 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.** Consider the following statements about Biosphere Reserves in India:
1. The Gulf of Mannar is the largest Biosphere Reserve in terms of area.
 2. The Nokrek is the smallest Biosphere Reserve in terms of area.
 3. Other than Nilgiris and Achanakamar-Amarkantak, no Biosphere Reserve is spread across two or more states.
- Which of the statements given above is/are correct?
- (a) 2 and 3 only
(b) 3 only
(c) 1 and 2 only
(d) None

37. Consider the following statements regarding elephant reserves:
1. Elephant reserves have been provided legal status under the Wildlife Protection Act, 1972.
 2. No alternation of boundaries in elephant reserves can be done without the approval of the National Board for Wildlife.
- 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. Which of the following is the primary objective of the TULIP programme, recently launched by the Ministry of Social Justice and Empowerment?
- (a) To provide vocational training programs to orphans
(b) To empower marginalized artisans by offering a digital e-commerce platform for global exposure and economic self-reliance.
(c) To establish government-funded old age homes for the elderly population
(d) To provide subsidized higher education for the SC/ST population
39. Consider the following:
1. National parks
 2. Community reserves
 3. Sacred groves
 4. Wildlife sanctuaries
 5. Biosphere reserves
- Which of the areas given above are defined as a protected area under the Wildlife Protection Act, 1972?
- (a) 2, 3 and 5 only
(b) 2, 3 and 4 only
(c) 1, 4 and 5 only
(d) 1, 2 and 4 only

40. How many of the following are examples of abiotic components?
1. Sunlight
 2. Green Plants
 3. Temperature
 4. Moisture
 5. Atmosphere
- Select the correct answer using the code given below.
- (a) Only two
(b) Only three
(c) Only four
(d) All five
41. Consider the following statements about Neritic Zone in the Coastal Ecosystem:
1. It is a region of shallow water with a depth up to 1500m.
 2. This constitutes the edge of the continental shelf.
 3. Phytoplankton and zooplankton are the most common species found in this zone.
- 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
42. Consider the following statements:
1. This zone is the warmest since it is shallow and can absorb more of the Sun's heat.
 2. It sustains a fairly diverse community that include several species like diatoms, fishes, and amphibians.
- Which one of the following zones has been described by the above-given characteristics?
- (a) Littoral Zone
(b) Limnetic Zone
(c) Profundal Zone
(d) Benthic Zone

43. Consider the following pairs:

<i>Elephant Reserves</i>	<i>State</i>
1. Mayurjharna Elephant Reserve	: West Bengal
2. Baitarni Elephant Reserve	: Odisha
3. Lemru Elephant Reserve	: Arunachal Pradesh
4. Mahanadi Elephant Reserve	: Chhattisgarh

Which of the above-given pairs are correctly matched?

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

44. Thadou Tribe was in the news recently. In this context, the Thadou tribe is primarily found in which state of India?

- (a) Nagaland
- (b) Manipur
- (c) Assam
- (d) Mizoram

45. Consider the following statements regarding 'pioneer species':

- 1. They are those species that invade a bare area.
- 2. Lichens and phytoplanktons are examples of pioneer species.

Which of the statements given above is/are correct?

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

46. Which of the following may be used by birds and animals to navigate through their course of migration?

- 1. Sun
- 2. Stars
- 3. Magnetic field
- 4. Odour

Select the correct answer using the code given below.

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

47. Consider the following statements regarding the Namo Drone Didi Scheme:

- 1. It is a Centrally Sponsored Scheme under the Deendayal Antyodaya Yojana – National Rural Livelihoods Mission.
- 2. It is implemented by the Ministry of Agriculture & Farmers Welfare.
- 3. The scheme provides 100% financial support for the cost of drones and accessories to Women SHGs.

Which of the above statements is/are correct?

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

48. Consider the following factors:

- 1. Anaerobic bacteria
- 2. Phosphates from detergents
- 3. Industrial discharge of chemicals
- 4. Pollutant accumulation due to lean river flow in winter
- 5. Seasonal increase in oxygenation

Which of the above factors primarily contribute to foam formation in the Yamuna River?

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

49. The Global TB Report 2024, released recently by WHO cites two countries as the largest contributors to the global increase in reported TB cases in 2022 and 2023.

In this context, which of the following are two countries?

- (a) India and South Africa
- (b) India and Indonesia
- (c) Brazil and Indonesia
- (d) China and India

50. Consider the following statements with respect to community reserve:

- 1. The state government after consultation with local authorities can declare any area owned by the Government as a community reserve.
- 2. An area within the national park and wildlife sanctuary cannot be declared a community reserve.
- 3. Any change in the boundary of the community reserve requires approval of the National Board for Wildlife.
- 4. A community reserve can be declared on private land.

Which of the statements given above are correct?

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

51. With reference to big cats, consider the following statements:

- 1. India is home to all seven big cats of the world.
- 2. India is the only country where tigers and lions are found in the wild.
- 3. The International Big Cat Alliance, which India recently joined, is headquartered in Russia.

How many of the statements given above are correct?

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

52. Consider the following statements regarding the Global Tiger Forum:

- 1. It is an inter-governmental body exclusively set up for the conservation of tigers in the wild in the range of countries.
- 2. Its secretariat is based in Moscow, Russia.
- 3. It aims to provide infrastructural as well as financial support for Tiger Conservation.

How many of the above statements are correct?

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

53. With reference to plant species of India, consider the following statements:

- 1. Assam catkin yew is a critically endangered species endemic to Barak Valley in Assam.
- 2. Arunachal Pradesh has the highest diversity of Magnolia species in India.
- 3. The Indian bdellium or guggul tree is a critically endangered species and is highly valued in the Ayurvedic system of medicine due to its medicinal properties.

How many of the statements given above are correct?

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

54. 'Gape Limitation', sometimes seen in ecological studies, refers to:

- (a) The limit to the distance a bird can fly without stopping to rest.
- (b) The maximum size of prey that a predator can consume based on its mouth size.
- (c) The restriction on the number of offspring a species can produce due to environmental factors.
- (d) The limitation on the spread of invasive species due to geographical barriers.

55. Consider the following statements regarding the High Seas Treaty or Biodiversity Beyond National Jurisdiction (BBNJ):

1. It deals only with those parts of oceans that are outside the national jurisdiction of any country.
2. It aims for capacity building and transfer of marine technologies to developing countries.
3. The High Seas Treaty is not yet in force.

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

56. In the context of invasive species in India, which of the following are considered invasive species?

1. Prosopis juliflora
2. Lantana camara
3. African Catfish
4. Sociable lapwing

Select the correct answer using the code given below.

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

57. With reference to the environment and ecology, consider the following statements regarding 'adaptation':

1. It is an attribute of the organism that enables the organism to survive and reproduce in its habitat.
2. It does not involve a behavioural change in the organism.

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

58. Consider the following pairs:

<i>Cracker</i>	<i>Feature</i>
1. SWAS	: Uses water vapor to suppress dust.
2. STAR	: Focuses on reducing sound intensity.
3. SAFAL	: Significantly reduces particulate matter emissions.

How many of the above pairs are correctly matched?

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

59. Consider the following pairs:

<i>Sacred Grove</i>	<i>State</i>
1. Than	: Assam
2. Kavus	: Tamil Nadu
3. Devara Kadu	: Karnataka

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, 2 and 3

60. With reference to Lion conservation, consider the following statements:

1. World Lion Day is an initiative of the International Big Cat Alliance.
2. Greater Gir Concept is a Lion conservation initiative aimed at expanding the protected area for Asiatic Lion.

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

61. Hwasong-19 intercontinental ballistic missile, which is recently seen in the news belongs to which of the following nations?
- North Korea
 - South Korea
 - China
 - Japan
62. Which one of the following best describes the term 'Habitat'?
- A community of different species interacting with each other.
 - The flora and fauna of a geographical area.
 - A biome that consists of large regions dominated by similar types of ecosystems.
 - A place where a particular species lives and grows.
63. Which of the following best describes "Agrivoltaic farming", recently seen in the news?
- The practice of alternating seasonal crop cultivation to preserve soil fertility.
 - The integration of solar energy production with traditional agricultural activities on the same land.
 - The use of genetically modified crops to increase resistance to pests and diseases.
 - The implementation of vertical farming techniques in urban environments.
64. Consider the following statements regarding Bamboo in India:
- Bamboo is classified as a type of tree.
 - Bamboo plants are long-lived and take decades to mature fully.
 - Madhya Pradesh has the highest bamboo cover in India.
- How many of the above statements are correct?
- Only one
 - Only two
 - All three
 - None

65. Consider the following pairs:
- | <i>Animal</i> | <i>Highest population State/Uts</i> |
|-----------------|-------------------------------------|
| 1. Tiger | : Madhya Pradesh |
| 2. Elephant | : Kerala |
| 3. Leopard | : Maharashtra |
| 4. Snow leopard | : Uttarakhand |
- How many of the above pairs are correctly matched?
- Only one
 - Only two
 - Only three
 - All four
66. Recently, Sri Lankan golden-backed frog has been rediscovered after 200 years in India in this protected area. It is the only sanctuary in Andhra Pradesh known for harboring Asian elephants. It lies in the Kuppam and Palmaner range. Kaigal tributary of the Palar River flows through it.
- Which of the following protected areas is being described in the passage given above?
- Coringa Wildlife Sanctuary
 - Kambalakonda Wildlife Sanctuary
 - Sri Venkateswara Wildlife Sanctuary
 - Koundinya Wildlife Sanctuary
67. Which of the following statements about the First Asian Buddhist Summit is correct?
- It was organized by the Ministry of Culture and the International Buddhist Confederation (IBC).
 - The theme of the summit was "Role of Buddha Dhamma in Strengthening Asia."
 - The Summit was held in Bodhi Gaya in India.
- Select the correct answer using the code given below.
- 1 and 3 only
 - 1 and 2 only
 - 2 only
 - 2 and 3 only

68. Which of the following statements accurately describes the aim of the PM Vidyalaxmi Scheme?

- (a) To provide financial support to meritorious students for pursuing higher education without the need for collateral or a guarantor.
- (b) To offer scholarships exclusively for students studying in government institutions only.
- (c) To assist students in securing loans for vocational training programs.
- (d) To promote student-exchange programmes

69. Consider the following statements regarding the Maha Kumbh Mela:

- 1. The Maha Kumbh is celebrated once in every 12 years.
- 2. It is normally held in Devprayag.

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. Consider the following statements about the People's Biodiversity Register (PBR):

- 1. The PBR is mandated under the Biological Diversity Act, 2002.
- 2. The primary objective of the PBR is to catalog local flora, fauna, and traditional knowledge of local communities.
- 3. Biodiversity Management Committees (BMCs) are responsible for preparing and maintaining the PBR at the local level.

How many of the statements given above are correct?

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

71. Which of the following best describes the primary objective of India's first Analog space mission recently conducted by ISRO in Leh?

- (a) To study new radiation shielding materials for space environments
- (b) To simulate extraterrestrial life and assess human survival in space-like conditions
- (c) To collect atmospheric data for future Mars missions
- (d) To conduct a trial for India's crewed spaceflight program

72. How many of the following committees are related to the conservation and management of the Western Ghats?

- 1. Kasturirangan Committee
- 2. Gadgil Committee
- 3. Bhure Lal Committee

Select the correct answer using the code given below.

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

73. With reference to ecosystem diversity, consider the following statements:

- 1. Coral reefs are among the most diverse and productive ecosystems on Earth.
- 2. Boreal forest ecosystems have higher biodiversity than Tropical ecosystems.

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

74. With reference to Water Spinach, consider the following statements:
1. Water spinach is an herbaceous aquatic or semi-aquatic perennial plant.
 2. It is a native to temperate region.
 3. Water spinach is rich in protein and vitamins.
- How many of the statements given above are correct?
- (a) Only one
(b) Only two
(c) All three
(d) None
75. With reference to the IUCN Red List, consider the following statements:
1. The IUCN Red List is a global indicator for monitoring the conservation status of animal and plant species.
 2. The IUCN Red List assessments are revised annually for all species listed across the globe.
 3. The Red List includes assessments for both animal and plant species, but not for fungi or other non-plant organisms.
- How many of the statements given above are correct?
- (a) Only one
(b) Only two
(c) All three
(d) None
76. The recent World Cities Report 2024, released during the twelfth session of the World Urban Forum, highlights the severe challenges cities face due to climate change and rapid urbanization.
- Which of the following organizations released the World Cities Report 2024?
- (a) World Bank
(b) UN-Habitat
(c) Intergovernmental Panel on Climate Change (IPCC)
(d) United Nations Environment Programme (UNEP)

77. With reference to the Ganges River dolphin, consider the following statements:
1. Ganges river dolphins relied on ultrasonic sound waves for hunting due to their blindness.
 2. They are indicator species of freshwater ecosystems.
 3. The Ganges and Indus River dolphin are living fossil.
- How many of the statements given above are correct?
- (a) Only one
(b) Only two
(c) All three
(d) None
78. With reference to the Conference of Parties (COP) to the Convention of Biodiversity (CBD), consider the following statements:
1. COP16 of 2024 is held in the Colombian city of Cali and has a theme of “peace with nature.”
 2. 30*30 targets are the outcome of the Kunming-Montreal Global Biodiversity Framework adopted at COP15.
- How many of the statements given above is/are correct?
- (a) 1 only
(b) 2 only
(c) Both 1 and 2
(d) Neither 1 nor 2
79. Recently, the European Union signed a security and defense partnership agreement with an Asian nation for the first time, aiming to strengthen cooperation in cybersecurity, military exercises, and space security.
- Which of the following Asian nations is discussed in the above paragraph?
- (a) South Korea
(b) India
(c) Japan
(d) China

80. Consider the following statements regarding ESA's Proba-3 mission, recently seen in the news:

1. It aims to study the Sun's outer atmosphere by creating an artificial eclipse.
2. The mission will be launched from French Guiana by Ariane-5 launch vehicle.

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

81. Consider the following statements regarding Indian Rhinoceros

1. They are endemic to India.
2. Female Indian Rhinoceros have no horns.
3. They live in groups led by the oldest Male.

How many of the above statements are correct?

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

82. Consider the following statements regarding the Pobitora Wildlife Sanctuary:

1. It has the highest density of Greater One Horned Rhinoceros.
2. It is identified as an Important Bird Area by the BirdLife International.
3. Most of the area of this sanctuary is dominated by evergreen rainforest.

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

83. This ecosystem makes up about one-fifth of the surface of earth and occur where rainfall is less than 50 cm/year. The major regions are Africa, South America, and some areas of North America and the Australian. The soil in the ecosystem is coarse. In this ecosystem, days are very hot and nights are cold. So, the plants and animals are exposed to both types of extremes.

Which of the following ecosystems is best described by the above paragraph?

- (a) Desert Ecosystem
- (b) Mangrove Swamp
- (c) Marine Ecosystem
- (d) Grassland Ecosystem

84. Which of the following statements is/are about the "orphan drugs"?

1. Orphan drugs are medications developed specifically to treat rare diseases, known as orphan diseases.
2. Treatments for any type of cancers are not covered under orphan drugs.

Select the correct answer using the code given below.

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

85. Consider the following Nations:

1. Brazil
2. Russia
3. Canada
4. South Africa

How many of the above nations are presently **not** part of the Belt and Road Initiative (BRI) of China?

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

86. Consider the following statements regarding eutrophication:

1. Eutrophication is primarily caused by the excessive input of nutrients, especially nitrogen and phosphorus, into water bodies.
2. Algal blooms resulting from eutrophication can produce toxins harmful to aquatic life and humans.

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

87. Consider the following pairs:

National Park	River
1. Ranthambore	: Yamuna
2. Madhav	: Chambal River
3. Orang National Park	: Dhanshiri River

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

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

88. With reference to the Red Sanders, consider the following statements:

1. It is endemic to the Nilgiris forest range in Tamil Nadu and Kerala.
2. It is highly valued and revered in East Asia due to its hard and durable wood.
3. The presence of red dye "Santalol" imparts its characteristic red colour.

How many of the statements given above are correct?

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

89. Consider the following statements regarding the Chief Wild Life Warden in India:

1. Chief Wild Life Warden is a statutory authority established by the Forest Conservation Act, 1980.
2. The Chief Wild Life Warden acts as vice-chairperson of the State Board for Wildlife.
3. The Chief Wild Life Warden can grant any person a permit to enter a sanctuary for scientific research.

Which of the statements given above are **not** correct?

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

90. With reference to the forest cover in India, arrange the following types of forests in the increasing order of their share in India's forest cover.

1. Scrub Forest
2. Open forests
3. Very Dense Forest
4. Moderately Dense Forest

Select the correct answer using the code given below.

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

91. *It is a UNESCO World Heritage Site located in Bharatpur. It is a complex of 10 artificial seasonal lagoons. It is a mosaic of dry grasslands, woodlands, woodland swamps and wetlands. It is home to species such as painted storks, nilgai and Siberian crane.*

Which of the following Ramsar sites is being described in the passage given above?

- (a) Ashtamudi wetland
- (b) Loktak lake
- (c) Chilika lake
- (d) Keoladeo Ghana National Park

92. Consider the following statements regarding the Convention on the Conservation of Migratory Species of Wild Animals, 1979 :

1. It is an environmental treaty under the aegis of the United Nations Environment Programme.
2. It aims to conserve terrestrial, aquatic as well as avian migratory species throughout their range.
3. Migratory species threatened with extinction are listed on Appendix II of the Convention

How many of the statements given above are correct?

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

93. With reference to Article 39(b) of the Constitution, consider the following statements:

1. Article 39(b) empowers the State to manage and distribute material resources of the community.
2. Article 39(b) allows the State to acquire any private property it deems necessary for the common good without any restrictions.

Which of the statements given above is/are correct?

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

94. Which animal is famously known for producing one of the world's most expensive coffee, Kopi Luwak, by digesting and excreting coffee cherries?

- (a) Red Panda
- (b) Asian Palm Civet
- (c) Sloth
- (d) Lion Macaque

95. The process by which food (glucose) is made by bacteria using chemicals as the energy source, rather than sunlight is known as

- (a) Photosynthesis
- (b) Chemosynthesis
- (c) Cellular Respiration
- (d) Carbon sequestration

96. The IL-35 protein, recently identified by the Institute of Advanced Study in Science and Technology (IASST), Guwahati, has shown promise in treating which of the following conditions?

- (a) Alzheimer's and Parkinson's disease
- (b) Type 1 diabetes and autoimmune diabetes mellitus
- (c) Cervical Cancer
- (d) HIV (human immunodeficiency virus)

97. In the process of ecological succession, which term refers to the stage where the changes in the community lead finally to a community that is in near equilibrium with the environment?

- (a) Pioneer stage
- (b) Seral stage
- (c) Climax stage
- (d) None

98. With reference to the process of decomposition, consider the following pairs:

<i>Process</i>	<i>Action by</i>
1. Fragmentation	: Earthworm
2. Mineralisation	: Bacteria
3. Catabolism	: Fungi

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

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

99. Report has been published by United Nations Environment Programme's (UNEP) International Methane Emissions Observatory (IMEO). In this context, consider the following statements:

1. Natural causes like volcanic eruptions and wetlands account for more than 80 percent of the total methane emissions.
2. Recently, India signed the Global Methane pledge in a bid to curb the methane 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

100. Which one of the following Ramsar sites is man-made?

- (a) Rudrasagar Lake
- (b) Chilka Lake
- (c) Loktak Lake
- (d) Bhoj Wetland