

OFFICERS IAS ACADEMY

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Serial No. 2020110

TESTBOOKLET

Test Booklet Series

GENERAL STUDIES

Test- 8



Time Allowed: 2 Hours

Maximum Marks: 200

INSTRUCTIONS

1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS TEST BOOKLET DOES NOT HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR ITEMS, ETC, IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET.
2. ENCODE CLEARLY THE TEST BOOK 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 questions**. Each item is printed in **English**. Each item comprises four options for responses (answers). You will select the response which you want to make on the Answer Sheet. In Case you feel that there are more than one correct responses, mark the option which you consider the most suitable. In any Case, Choose **ONLY ONE** response for each question.
5. All items carry equal marks.
6. Before you proceed to mark your responses, you have to fill in some particulars in the Answer sheet as per the given instructions.
7. You have to mark all your responses **ONLY** on the separate Answer Sheet provided. See directions in the Answer Sheet.
8. After you have Completed filling in all your responses on the Answer Sheet and the examination has concluded, you should hand over to the invigilator only the Answer Sheet. You are permitted to take the test booklet with you.
9. Sheet for rough work is appended at the end of the Test Booklet.

10. Penalty for Wrong answers

THERE WILL BE PENALTY FOR WRONG ANSWER MARKED BY A CANDIDATE IN THE OBJECTIVE TYPE QUESTION PAPERS.

- i) There are four alternatives for the answer to every question. For each question for which a wrong answer has been given by the candidate, **one-third (0.66)** of the marks assigned to that question will be deducted as penalty.
- ii) If a Candidate gives more than one answer, it will be treated as a **wrong answer** even if one of the given answers happens to be correct and there will be same penalty as above to that Question.
- iii) If a question is left blank i.e., no answer is given by the candidate, there will be **no penalty** for that question.

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1. Consider the following statements about properties of LIVING organisms.

- 1) Growth can be taken as defining property of living organisms only
- 2) Reproduction cannot be a defining characteristic of living organisms.
- 3) Self-consciousness is a property of all living organisms.

Which of the above is/are INCORRECT?

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

2. '*Panthera pardus*' is a scientific name of an organism. In this name, pardus is the name of the species. What taxon does the word 'Panthera' refers to

- a) Kingdom
- b) Genus
- c) Order
- d) Family

3. Consider the following statements:

1. Organisms of similar '*Genus*' level can reproduce and produce fertile offspring.
2. Systematics is the study of different kinds of organisms and their diversity and relationships among themselves.

3. Taxonomy is the classification of all living organisms based on the characteristics between different taxa.

Which of the above is/ are INCORRECT?

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

4. Man is a Primate mammal. To which taxon does 'Primate' belong to

- a) Family
- b) Order
- c) Class
- d) Phylum

5. With reference to 'Viruses', which one of the following statements is/are INCORRECT?

- a) Viruses are classified under 5 kingdom classification by R H Whittaker.
- b) The viruses are non-cellular organisms.
- c) They are inert (act as non-living beings) outside their specific host cell.
- d) Viruses cause diseases like mumps, smallpox, herpes and influenza.

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6. What do you mean by the term 'Ecological Niche'?

- a) The natural place of an organism or community.
- b) A complex biotic community characterized by distinctive plant and animal species and maintained under the climatic conditions of the region.
- c) A distinct functional role in the ecological system.
- d) A biological community of interacting organisms and their physical environment.

7. Consider the following statements:

- 1) All the organisms maintain their body temperatures.
- 2) Homeostasis is the process through which an organism tries to maintain the constancy of its internal environment.
- 3) The human body tries to maintain a constant temperature of 38-degree celsius through processes like sweating and shivering.

Which of the statements given above is / are INCORRECT?

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

8. Given below are processes of suspending/reduction of metabolism in some organisms.

i) Hibernation	1) Snails
ii) Aestivation	2) Zooplanktons
iii) Diapause	3) Bears

Match the pairs correctly using the codes given below

- a) i - 3, ii- 2 and iii- 1
- b) i-3, ii- 1 and iii- 2
- c) i- 1, ii- 3 and iii- 2
- d) i-2, ii-1 and iii- 3

9. Consider the following examples of types of adaptations by organisms.

i) Increase in blood count of high- altitude people.	1) Physiological adaptation
ii) Siberian cranes coming to India in winters.	2) Behavioral Adaptation

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iii) Desert plant Opuntia, having no leaves, but spines.	3) Morphological Adaptation
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Which of the pairs given above are correctly matched?

- a) i-1, ii- 2 & iii-3
- b) i-1, ii-3 & iii-2
- c) i-2, ii-3 & iii-1
- d) i-2, ii-1 & iii-3

10. Natural selection is the process whereby organisms better adapted to their environment tend to survive and produce more offspring. It was defined by Charles Darwin. Considering the above statement, at what level does the natural selection operates?

- a) Individual level
- b) Population level
- c) Biome level
- d) Community level

11. Consider the following statements regarding the measurement of population density

- 1) Population density can be derived through a measure of percent biomass.
- 2) Relative densities could be taken for estimating huge populations.

3) Tiger census is prepared only after sighting the tiger and not based on any other evidence.

Which of the statements given above are correct?

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

12. What can cause an increase in the population density?

- 1) Natality
- 2) Mortality
- 3) Immigration
- 4) Emigration

Select the correct answer using the code given below.

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

13. Which of the following aptly describes population interaction in commensalism?

- a) One of the Species has beneficial interaction and other also has beneficial interaction.
- b) One of the species remains neutral and other species has beneficial interaction.
- c) One of the species has beneficial interaction

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and other has negative interaction.

- d) One of the species has negative interaction and other remains neutral.

2) Cuckoo laying an egg in crow's nest. -

predation

3) Mycorrhizae (fungi and plant root) - Mutualism.

14. Which among the following have similar kind of population interactions?

- a) Parasitism and Amensalism
b) Parasitism and Competition
c) Parasitism and Predation
d) Amensalism and Commensalism.

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

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

15. Which of the following statements is/are INCORRECT regarding 'COMPETITION' under population interactions?

1. Competition occurs only when closely related species compete for the same resources.
2. Resources should be limited for competition interaction to occur.

Select the answer using the code given below.

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

17. What do you mean by a stenothermal organism?

- a) Organism which produces heat for its surroundings.
b) Organism restricted to a narrow range of temperatures.
c) Organism which stays in very hot temperatures.
d) Organism which can live in a wide range of temperatures.

16. Consider the following matches of population interactions:

- 1) The cattle egret and grazing cattle in close association - Commensalism

18. Which of the following are man-made ecosystems?

- a) Crop fields, parks, aquariums
b) Crop fields, Islands, Orchids
c) Crop fields, zoo, desert
d) Greenhouse, river, zoo

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19. Consider the following:

- 1) The flow of energy in an ecosystem is bi-directional among trophic levels.
- 2) A constant input of solar energy is the basic requirement for any ecosystem to function and sustain.
- 3) Contribution of oceans to the productivity of the whole biosphere is more than that of land..

Which of the statements given above is/are correct?

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

20. Consider the following:

- 1) Oxygen
- 2) Water
- 3) Carbon-di-oxide
- 4) Nutrients
- 5) Humus

Which of the above are generally the end-products of decomposition:

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

21. Consider the following statements about food chain and food web:

- 1) Based on the source of their nutrition or food, organisms occupy a specific place in the food chain which is known as their trophic level.
- 2) No two food chains overlap each other.
- 3) The amount of energy increases at successive trophic levels.

Which of the statements given above is / are correct?

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

22. Food chain and food web are made up of

- a) Trophic levels
- b) Ecological niche
- c) Ecological community
- d) Populations

23. According to ecosystem studies, what is 'standing crop' of a trophic level?

- a) It is the forest area at the trophic level at a particular time.
- b) It is the amount of cultivation occurring at the trophic level at a particular time.
- c) It is the energy of living material at a particular time of a trophic level.

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- d) It is the mass of living material at a particular time of trophic level.

24. Consider the following statements about ecological pyramids:

- 1) A given species may occupy more than one trophic level in the same ecosystem at the same time.
- 2) The energy at a lower trophic level is always more than at a higher level.
- 3) The pyramid of biomass in the sea can be inverted
- 4) There can be an inverted pyramid of energy.

Which of the above statements is/are correct?

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

25. Consider the following statements regarding ecological succession.

1. The gradual and fairly predictable change in the species composition of a given area is called ecological succession.
2. The ecological succession is all about changes in the floral community; it doesn't affect the fauna of the region.
3. Secondary succession is always slower than

the primary succession.

Which of the statements given above is / are correct?

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

26. The final stable community in equilibrium with the environment is known as

- a) Pioneer community
- b) Climax community
- c) Xerarch community
- d) Hyponic community

27. Consider the following stages:

1. Stage 1: There was nothing on this land except water a few thousands of years back.
2. Stage 2: After some time, phytoplanktons came up, which further gave space to the root floating plants.
3. Stage 3: After some 3 thousand years, there was a huge flood. Then the land with water was converted to a marshy land.
4. Stage 4: Today the land is a teak wood forest.

Considering the above stages, find the correct statement/s of the following:

- 1) From stage 1 to 4, the land went from hydrarch conditions to xeric conditions.

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2) The phytoplanktons at the stage 2 can be called as pioneer species.

3) The marshy land succession can be called as primary succession.

4) Today's teak wood trees can be called a climax community.

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 and 4 only

28. Consider the following statements on nutrient cycling:

1. The *standing state* of the nutrients, is the amount of demand of nutrients of plants in an ecosystem.
2. Nutrients are lost from the ecosystem once the nutrients are consumed by plants or animals.
3. Sulphur cycle is a classical example of gaseous biogeochemical cycle.

Which of the statements given above is/are correct?

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

29. Which of the following statements is / are correct regarding the Carbon Cycle:

- A. The atmosphere is the largest reservoir of global carbon.
- B. Decomposers also take part in the carbon cycle.
- C. Human activities have reduced the pace of the carbon cycle.
- D. Photosynthesis plays a very negligible role in the carbon cycle.

30. Phosphorus is difficult for plants and animals to access in nature because

- A. It reacts quickly with other elements, like oxygen.
- B. Most of the phosphorus in the environment is bound to carbon, nitrogen, and hydrogen.
- C. It is typically found as a phosphate.
- D. Most of the phosphorus in the environment is stored in reservoirs of sedimentary rocks.

31. Consider the following statements about biodiversity:

1. There are more number of plant species than animal species.
2. Among animals, Aves (birds) have the largest number of species.
3. India has only 2.4 percent of the world's land area, its share of the global species diversity is

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an impressive 8.1 percent.

c) 1, 2 and 3

Which of the statements given above is / are correct?

d) 2 only.

a) None of the above

b) 2 and 3 only

c) 3 only

d) 1 and 3 only

32. Which of the following statements is / are correct regarding Biodiversity?

a) Generally, the country Suriname has more biodiversity than Spain.

b) More the diversity less is the productivity.

c) Biodiversity doesn't affect the survival of the human race.

d) Of 9 species of tigers, Bali tiger species has the highest population.

34. Which of the following are *not* the parts of the 'EVIL QUARTET' which are responsible for the accelerated rates of species extinction?

1) Habitat loss and fragmentation

2) Over-exploitation

3) Alien species invasions

4) Co-extinctions

Select the answer using the code given below

a) 3 only

b) 3 and 4 only

c) 1, 2, 3 and 4

d) None of the above

35. Consider the following statements about biodiversity conservation:

1. National Park is a classical example of ex-situ conservation.

2. Sacred groves promote endemism.

3. Seed banks, zoos, botanical gardens are examples of in-situ conservation.

Which of the statements given above is / are correct?

a) 2 only

b) 3 only

c) 1 and 3 only

d) 1 and 2 only

33. Which of the following can happen in general, if we lose biodiversity?

1. Increase in plant production

2. Lowered resistance to environmental perturbations such as drought.

3. Variation in ecosystem processes.

Which of the statements given above is / are correct?

a) 1 only

b) 2 and 3 only

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- 36. Noise as a pollutant is covered under which of the following Acts?**
- a) Environment (Protection) Act, 1986
 - b) Air (Prevention and Control of Pollution) Act 1987
 - c) National Green Tribunal Act 2010
 - d) The Biological Diversity Act, 2002
- 37. Which of the following are qualities of Compressed Natural Gas (CNG)?**
- 1. Burns efficiently than petrol
 - 2. Costlier than diesel
 - 3. Difficult to adulterate
- Which of the statements given above is / are correct?**
- a) 1 only
 - b) 3 only
 - c) 1, 2 and 3
 - d) 1 and 3 only
- 38. Dobson units' is the measure used for**
- a) Measuring the Deforestation level.
 - b) Measuring the biological oxygen demand of a water body.
 - c) Measuring the thickness of the ozone.
 - d) Measuring the de-toxic minerals needed for cleaning water.
- 39. Which of the following is the most abundantly found greenhouse gas?**
- a) Carbon dioxide
 - b) Water vapor
 - c) Methane
 - d) Nitrous oxide
- 40. Central Pollution Control Board (CPCB), which is a statutory body under the Ministry of Environment is constituted under which of the following Acts?**
- a) Water (Prevention and Control of Pollution) Act, 1974
 - b) Air (Prevention and Control of Pollution) Act, 1981
 - c) The Environment (Protection) Act, 1986
 - d) National Green Tribunal Act, 2010
- 41. Which of the following statements is correct regarding the Biological oxygen demand (BOD)?**
- a) More the BOD, less is the polluting potential.
 - b) More the BOD, more is the polluting potential.
 - c) There is no correlation between BOD and polluting factor
 - d) BOD is a measure of the inorganic matter.

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42. Which of the following statements is correct

regarding the relation between Biological oxygen Demand (BOD) and Dissolved Oxygen in a water body (DO):

- a) If BOD increases, the Dissolved oxygen will increase too.
- b) If BOD increases, the Dissolved Oxygen remains stagnant.
- c) If BOD increases, Dissolved Oxygen decreases.
- d) No conclusions can be generalized.

43. Which of the following ends up with the most poisons/chemicals due to biological magnification?

- a) Producers
- b) Organisms of a high trophic level
- c) Organisms of a low trophic level
- d) Secondary consumers

44. Consider the following statements regarding Eutrophication of a water body:

- 1. The human activities have accelerated the process of eutrophication.
- 2. Increase in the Phosphates and Nitrates concentration decreases the process of eutrophication.
- 3. Algal blooms are the consequences of accelerated eutrophication.

4. The accelerated eutrophication supports aquatic life because of more production at primary trophic level.

Which of the statements given above is / are INCORRECT?

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

45. Consider the following statements:

- 1. Montreal Protocol 1987 was signed to remove ozone from the stratosphere.
- 2. The Chlorine molecule in Chlorofluorocarbons is completely consumed in the depletion process of ozone in the stratosphere.

Which of the above statements is/are correct?

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

46. Scientists have found a new turtle species.

This turtle can swim in saline waters of a wide range. Considering this, we can call the turtle as

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- a) Stenohaline
- b) Euryhaline
- c) Oligohaline
- d) Isohaline

- c) 1, 2 and 4 only
- d) 3 and 4 only

47. Which of the following diseases is/are caused by bacteria?

- 1. Ringworms
- 2. Typhoid
- 3. Tuberculosis
- 4. Malaria

Select the correct answer using the code given below:

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

48. Consider the matches in relation to diseases and the general site of attack in the body:

- 1. Typhoid : Stomach
- 2. Malaria: Red Blood Cells (RBCs)
- 3. Filariasis : Shoulders
- 4. Amoebiasis: Large Intestine

Which of the pairs given above are correctly matched?

- a) 1 and 3 only
- b) 2 and 4 only

49. Which of the following is an example of acquired immunity?

- a) Formation of skin
- b) Hydrochloric acid produced in our stomach
- c) Antibodies produced against Cholera
- d) Saliva in our mouth

50. Consider the following statements:

- 1. To receive/donate organs, only blood groups need to be matched.
- 2. T-lymphocytes act against the unfamiliar organ and thus become a reason for graft rejection.
- 3. The body cannot differentiate between self and non-self organs and thus we can transplant the organ of any near relative once the patient's organ fails.

Which of the statements given above is/are INCORRECT?

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

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51. Photochemical smog occurs in warm, dry and sunny climate. Which one of the following is *not* among the components of photochemical smog?

- a) NO₂
- b) O₃
- c) SO₂
- d) Unsaturated hydrocarbon

1) Carbon Monoxide (CO)	A) Carcinogenic
2) Hydrocarbon	B) causes stiffness of flower buds which eventually fall off from plants
3) Nitrogen dioxide (NO ₂)	C) causes acute respiratory disease in children
4) Sulphur Dioxide (SO ₂)	D) blocks the delivery of oxygen to the organs and tissues

52. With reference to Ozone, consider the following statements:

- Ozone is not responsible for the greenhouse effect.
- Ozone hole is thinning of ozone layer present in the stratosphere.
- Ozone is produced in the upper stratosphere by the action of UV rays on oxygen.

Which of the statements given above is/are correct?

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

53. With reference to pollutants, correctly match the pollutant and its related feature:

Select the answer using the code given below.

- (a) 1-A, 2-B, 3-C, 4-D
- (b) 1-C, 2-A, 3-B, 4-D
- (c) 1-D, 2-A, 3-C, 4-B
- (d) 1-A, 2-D, 3-C, 4-B

54. Consider the following statements:

- Excessive Fluoride intake causes mottling (discoloring) of teeth.
- Excessive Sulphate in the drinking water causes blue baby syndrome (methemoglobinemia).
- Excessive Lead (Pb) in the drinking water makes the kidneys vulnerable to damage.

Which of the statements given above is / are correct?

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

- 2. SO₂ and NO₂ after oxidation and reaction with water are major contributors to acid rain.
- 3. Acid rain doesn't affect structures and buildings, but it damages the natural ecosystems.
- 4. Acid rain is produced only due to human activities.

55. What are DDT and ENDOSULFAN, which are banned in India that are often mentioned in the news?

- a) Harmful pesticides and insecticides
- b) Harmful thinners used in petrol and diesel
- c) Harmful coloring agents used in Paints
- d) Harmful chemicals to enrich food taste

Which of the statements given above are correct?

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

56. The pollutants which come directly into the air from various sources are called primary pollutants. Primary pollutants are sometimes converted into secondary pollutants. Which of the following belongs to the category of secondary air pollutants?

- a) CO
- b) Hydrocarbon
- c) Peroxyacetyl nitrate
- d) NO

58. Sewage containing organic waste should not be disposed in water bodies because it causes major water pollution. Fish in such polluted water die because of

- a) Decrease in Biological demand of Oxygen (BOD).
- b) Increase in the amount of dissolved oxygen.
- c) Clogging of gills by mud.
- d) Decrease in the amount of dissolved oxygen in water.

57. Consider the following statements about acid rain:

- 1. Generally, when the pH of the rain water drops below 5.6, it is called acid rain.

59. Public authority under Section 2 of RTI Act includes which of the following?

- 1. Any authority or body or institution of self-government established or constituted by or under the Constitution

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2. Any authority or body or institution of self-government established or constituted by any other law made by Parliament or State legislature

3. Non-Government organization substantially financed, directly or indirectly by funds provided by the appropriate Government

Select the correct answer using the codes given below

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

60. Certificate of Origin sometimes seen in news is related to which of the following?

- a) Geographical Indication (GI)
- b) Trade
- c) National Register of Citizens
- d) National Population Register

61. Consider the following statements regarding Poshan Abhiyaan

- 1. The aim of POSHAN Abhiyaan is to reduce the level of stunting and under-nutrition only.
- 2. It is India's flagship programme to improve the nutritional outcomes for children, pregnant women and lactating mothers.

3. It is being implemented by the Ministry of Health and Family Welfare.

Which of the above statements is/are correct?

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

62. Consider the following statements:

- 1. It is one of the most saline water bodies in the world.
- 2. It is an inlet of the Indian Ocean between Africa and Asia.
- 3. It is connected with the Gulf of Aden through the Bab el Mandeb strait.
- 4. Six countries namely Saudi Arabia, Yemen, Egypt, Sudan, Eritrea, and Djibouti border the water body.

The above description refers to which among the following water bodies?

- (a) Black Sea
- (b) Red Sea
- (c) Mediterranean Sea
- (d) Arabian Sea

63. Consider the following statements about Pradhan Mantri Matru Vandana Yojana (PMMVY)

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1. The objective of the scheme is to reduce maternal and infant mortality by promoting institutional delivery among pregnant women.
- (c) Both 1 and 2
(d) Neither 1 nor 2

2. Under the 'Scheme', all Pregnant Women and Lactating Mothers (PW&LM) receive a cash benefit of Rs. 5,000 in three installments to meet enhanced nutritional needs.

Which of the above statements is/are correct?

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

64. Consider the following statements about the National Population Register(NPR)

1. A usual resident is defined as a person who has resided in a local area for the past 6 months or more or a person who intends to reside in that area for the next 6 months or more.
2. It is mandatory for every usual resident of India to register with the NPR.

Which of the above given statements is/are correct?

- (a) 1 only
(b) 2 only

65. Which of the following statements is/are correct?

1. No person needs to submit any documents during the house-to-house survey for updating the National Population Register
2. The Indian Census is the largest administrative and statistical exercise in the world.
3. The Decennial Population Census is being conducted in India synchronously since 1872 without break.

Select the correct answer using the codes given below

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

66. Consider the following statements regarding the Global Goalkeeper award

1. It is the highest civilian award conferred by UAE
2. Recently, Prime Minister Narendra Modi received it for his contribution towards meeting the UN Sustainable Development Goals.

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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

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

67. Consider the following statements:

1. Any resolution in the UN General Assembly to be passed, requires a two-thirds majority of member states.
2. The UN General Assembly elects a President to serve a two-year term of office.

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

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

68. Consider the following about drones with respect to India.

1. All the drones must be registered and issued a Unique Identification Number (UIN).
2. The Department of Space is the nodal agency for Drones Policy.

Which of the statements given above is/are correct?

69. It is an initiative to tackle inherited genetic diseases of new born babies. It aims to establish NIDAN Kendras to provide counselling, prenatal testing, diagnosis, management and multidisciplinary care in Government Hospitals. It seeks to produce skilled clinicians in Human Genetics and to undertake the screening of pregnant women and newborn babies for inherited genetic diseases in hospitals at Aspirational districts.

The above description refers to which of the following initiatives?

- a) UMMID
- b) National Genomic Grid
- c) Poshan Abhiyan
- d) Janani Suraksha Yojana

70. Consider the following pairs of military exercises between India and other participating countries

1. Malabar - USA and Japan
2. Maitree- Thailand
3. Hand in Hand - Nepal
4. Surya Kiran- Sri Lanka

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Which of the above pairs is/are matched correctly?

- (c) Both 1 and 2
- (d) Neither 1 nor 2

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

71. Which of the following statements about Harega

Desh Jeetega campaign is/are correct?

- (a) Campaign to eliminate TB by the year 2025 against the global target of 2030
- (b) Campaign aimed at reducing child mortality due to pneumonia
- (c) Campaign aimed at bringing beneficiaries of PMAY (urban) into the fold of other central schemes
- (d) Campaign to encourage the birth and education of girl children

73. Consider the following statements with regards

to vaccine hesitancy

- 1) Vaccine hesitancy refers to the delay in acceptance or refusal of vaccines despite availability of vaccination services.
- 2) Vaccine hesitancy is one of the greatest threat to human health which finds its place in ten global threats by WHO.

Which of the above statements is/are correct?

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

72. Consider the following statements regarding

Ocean acidification

- 1. Increased CO₂ levels in ocean lowers seawater pH
- 2. Photosynthetic algae and sea grasses may benefit from higher CO₂ conditions in the ocean.

Which of the above statements is/are correct?

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

74. The term 'hidden hunger' sometimes seen in news is related to which of the following?

- a) Lack of access to education
- b) Lack of women empowerment
- c) Lack of micronutrients
- d) Lack of employment opportunities

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75. Consider the following statements

- 1) India is the top source of international migrants across the globe.
- 2) India is the country with the highest recipients of remittances amongst all the countries.

Which of the above statements is/are correct?

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

76. Vultures which used to be very common in Indian countryside some years ago are rarely seen nowadays. This is attributed to:

- a) the destruction of their nesting sites by new invasive species
- b) a drug used by cattle owners for treating their diseased cattle
- c) scarcity of food available to them
- d) a widespread, persistent and fatal disease among them

77. Consider the following statements

- 1) The cryosphere is the frozen water part of the Earth.
- 2) Snow and ice reflect more sunlight than open water or bare ground.

Which of the above statements is/are

INCORRECT?

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

78. Consider the following statements with respect to the WAVE Summit, 2019

- 1) It will be the largest gathering of young women students to promote entrepreneurship in waste management.
- 2) It is an initiative of the Ministry of Women and Child Development.

Which of the above statements is/are correct?

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

79. Shondol dance belongs to which of the following regions?

- a) Ladakh
- b) Daman and Diu
- c) Chattisgarh
- d) Andaman island

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80. Aedes aegypti mosquitoes are responsible for transmitting which of the following diseases?

- 1) Dengue
- 2) Chikungunya
- 3) Zika virus.

Select the correct answer using the codes given below:

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

81. Consider the following statements about Swayam portal

- 1) SWAYAM platform is developed by the Ministry of Human Resource Development (MHRD)
- 2) It does not cover all higher education subjects and skill sector courses.
- 3) Annual Refresher Programme in Teaching (ARPIT) uses SWAYAM portal for online professional development.

Select the **incorrect** answer using the codes given below

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

82. Consider the following statements about CAMPA

- 1) It establishes the National Compensatory Afforestation Fund under the Consolidated Fund of India, and a State Compensatory Afforestation Fund under the Consolidated Fund of each state.
- 2) The National Fund will receive 90% of these funds, and the State Funds will receive the remaining 10%.
- 3) It establishes the National and State Compensatory Afforestation Fund Management and Planning Authorities to manage the National and State Funds.

Which of the above statements is/are correct?

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

83. Which of the following countries is/are **not** members of the Organization of the Petroleum Exporting Countries (OPEC)?

1. Iran
2. Mexico
3. Russia
4. Congo

Select the correct answer using the codes given below.

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

84. Consider the following statements with respect to the Organization of the Petroleum Exporting Countries (OPEC)

1. Any country with a substantial net export of crude petroleum, which has fundamentally similar interests to those of Member Countries, may become a Full Member of the OPEC

2. The mission of the Organization of the Petroleum Exporting Countries (OPEC) is to coordinate and unify the petroleum policies of all countries and ensure the stabilization of oil markets

Which of the above statements is/ are correct?

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

85. Consider the following statements regarding

International Energy Agency (IEA)

1. The International Energy Agency is an autonomous intergovernmental organization established in the framework of the OECD.

2. To become a member of IEA, a country must have crude oil or product reserves equivalent to 90 days of the previous year's net imports.

Which of the above given statements is/are correct?

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

86. With reference to the United Nations Development Program (UNDP), consider the following statements.

1. It helps in the eradication of poverty and the reduction of inequalities and exclusion.

2. It focuses on Climate and disaster resilience.

Which of the above statements is/ are correct?

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

87. Consider the following statements.

1. UNEP is an intergovernmental Organization of the United Nations that works on environmental activities in developing countries.

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2. It is the only UN programme headquartered in the developing world.

3. Global Environmental Outlook is published by UNEP.

Which of the statements given above is /are correct?

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

88. With reference to the International Solar Alliance, consider the following statements.

1. It is a coalition of solar resource rich countries lying fully or partially between the Tropic of Cancer and the Tropic of Capricorn.

2. The ISA is a treaty-based intergovernmental international organization that doesn't put any legal obligations on member countries.

3. UN member countries which are located beyond the Tropics can also join the ISA as "Partner Countries" with the right to vote.

Which of the above statements is/are correct?

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

89. Consider the following statements:

1. Venezuela is one of the founding members of OPEC (Organization of the Petroleum Exporting Countries)

2. OPEC+ is a recent initiative which includes the addition of 25 non-OPEC nations like Russia, Mexico etc. that have consolidated the grip over the world's oil markets.

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

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

90. Which of the following indices is/are released by UNDP?

- 1) Human Development Index
- 2) Gender Inequality Index
- 3) World Development Report

Select the correct answer using the codes given below

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

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91. Consider the following pairs

Bird sanctuary	State
----------------	-------

- | | |
|---|--|
| (1) Ranganathittu bird sanctuary -Karnataka | |
| (2) Salim Ali bird sanctuary - Goa | |
| (3) Great Indian Bustard sanctuary -Maharashtra | |
| (4) Bharatpur bird sanctuary - Rajasthan | |

Which of the above pairs is/are correctly matched?

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

92. Consider the following statements about the

Gahirmatha marine sanctuary

- 1. It is located in the state of Andhra Pradesh.
- 2. It is known for mass nesting of the Leatherback turtle.

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

93. If you go to this National Park, which is located

on the floodplains of Brahmaputra you will notice that the landscape, vegetation and the faunal make up of this region is very much

similar to the Kaziranga National Park. Because of all this features this National Park is also known as mini Kaziranga National Park.

Which of the following National Parks is best described in the above statements?

- (a) Namdapha national park
- (b) Orang National park
- (c) Dibru Saikhowa National park
- (d) Van Vihar National park

94. Consider the following statements about a National Park.

1. Though it has the status of a National Park it is also managed as modern zoological park for ex-situ conservation of wild fauna.

2. It is located right next to “Bada Talab” which is a Ramsar site and one of the two lakes of Bhoj wetlands.

Which of the following National park is described in the above statements?

- (a) Guindy National park
- (b) Bhitarkanika National park
- (c) Dibru-Saikhowa National park
- (d) Van Vihar National park

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95. Consider the following pairs

National park

Location

- (A) Mt. Abu National park (I) Garo hills
(B) Pachmarhi Biosphere Reserve (II) Vindhya range
(C) Bandhavgarh National park (III) Aravalli range
(D) Nokrek National park (IV) Sathpura range

Match the above correctly using the following codes

- | A | B | C | D |
|---------|-----|-----|-----|
| (a) II | I | III | IV |
| (b) II | IV | I | III |
| (c) I | III | IV | II |
| (d) III | IV | II | I |

96. Consider the following islands,

- (1) Marshall Islands
(2) Northern Mariana Islands
(3) Vanuatu
(4) Solomon Islands

Choose the correct North to South sequence of the above using the codes given below

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

97. Which one of the following statements is

INCORRECT about Australia?

- (a) It is situated entirely in the Southern Hemisphere.
(b) It is the smallest continent in the world.
(c) Tropic of Capricorn passes through the Northern part of the continent.
(d) 0-degree latitude passes through the continent.

98. Which of the following countries are separated from each other by the 'Bass strait'?

- (a) Australia and New Zealand
(b) Australia and Tasmania
(c) Australia and New Guinea Island
(d) New Guinea Island and Solomon Islands

99. Choose the correct sequence of seas arranged from North to South in the Oceania region

- (a) Philippine Sea, Bismarck Sea, Coral Sea, Tasman Sea
(b) Bismarck Sea, Tasman Sea, Coral Sea, Philippine Sea
(c) Coral Sea, Tasman Sea, Philippine Sea, Bismarck Sea
(d) Coral Sea, Philippine Sea, Bismarck Sea, Tasman Sea

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100. Consider the following pairs
- | Island controlled by | | Owned/ | Which of the above pairs is/are correctly matched? |
|----------------------|---|-----------|--|
| (1) New Caledonia | - | France | (a) 1 only |
| (2) Hawaii | - | USA | (b) 1 and 3 only |
| (3) Tasmania | - | Australia | (c) 1, 2 and 3 only |
| (4) Cook Islands | - | Spain | (d) 1, 2, 3 and 4 |

