

## EXERCISE - II

## OLYMPIAD PROBLEMS

1. The totality of genes, species and ecosystems of a region is known as :  
(A) biosphere (B) biodiversity  
(C) bioconservation (D) biocommunity
2. Uncontrolled deforestation leads to :  
I the destruction of habitats  
II landslides III flooding  
(A) I only (B) I and II only  
(C) II and III only (D) I, II and III
3. Drought brings about :  
(A) flooding  
(B) volcanic eruptions  
(C) decreased production of food  
(D) increased photosynthesis in plants
4. Which of the following is an abiotic component ?  
(A) Cow (B) Grass  
(C) Temperature (D) Bacteria
5. The name given to include all living organisms and all life supporting regions of the earth is :  
(A) biosphere (B) ionosphere  
(C) stratosphere (D) lithosphere
6. Which of the following shows a modern technology measures used to preserve and conserve the environment ?  
(A) Practising crop rotation  
(B) Using leaded petrol in motor vehicles  
(C) Using machines in agricultural industry  
(D) Converting industrial wastes into biogas
7. Which of the following are the effects due to the mismanagement of timber logging ?  
I Flooding II Soil erosion  
III Growing economy  
(A) I and II only (B) I and III only  
(C) II and III only (D) I, II and III
8. Which of the following must be practised to preserve and conserve the environment  
(A) Deforestation (B) Recycling  
(C) Soil erosion  
(D) Increase in pollution
9. The introduction of exotic species into an area :  
(A) helps to conserve wildlife  
(B) helps to protect biodiversity  
(C) affects native species adversely  
(D) helps native species survive
10. Which of the following is/are the advantage(s) of forests ?  
(A) Forests provide us with oxygen  
(B) They protect soil and provide habitat to a large number of animals  
(C) They help in bringing good rainfall in neighbouring areas  
(D) All of these
11. Creation of wild life reserves and enforcement of laws are conservation measures that promote increased :  
(A) use of biocides  
(B) preservation of species  
(C) use of biological control  
(D) exploitation of species
12. The practice of clearing a part of a forest for cultivation and then moving on to a new part is called :  
(A) shifting cultivation  
(B) crop rotation  
(C) step farming (D) monoculture
13. How does our government protect the rain forests of our country ?  
I Prohibit the felling of trees that are not mature enough  
II Trees that have been chopped down are replanted  
III Discourage the use of pesticides in agriculture  
(A) I and II only (B) I and III only  
(C) II and III only (D) I, II and III
14. Which of the following are the uses of IUCN Red List ?  
(A) Developing awareness about the importance of threatened biodiversity  
(B) Identification and documentation of endangered species  
(C) Providing a global index of the decline of biodiversity  
(D) All of these
15. Special project(s) launched to protect endangered species is/are:  
(A) Project Tiger  
(B) Project Elephant  
(C) Project Crocodile  
(D) All of these

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| <p>16. Soil erosion can be prevented by :<br/>         (A) allowing herbivorous animals to graze excessively<br/>         (B) growing plants to form a soil cover<br/>         (C) increasing fertility<br/>         (D) making the land slopy</p> <p>17. Deforestation has an alarming effect on:<br/>         (A) increase in grazing area<br/>         (B) soil erosion<br/>         (C) weed control (D) sunlight</p> <p>18. What is the main aim of conserving living organisms ?<br/>         (A) To increase the world's population of organisms<br/>         (B) To prevent extinction of endangered species<br/>         (C) To help students of botany and zoology<br/>         (D) To help in ecotourism</p> <p>19. Which of the following are living resources in nature ?<br/>         (A) Flora (B) Fauna<br/>         (C) Soil (D) Both A &amp; B</p> <p>20. What is an endangered animal ?<br/>         (A) An animal on the verge of extinction<br/>         (B) An animal which is extinct<br/>         (C) An animal that is dangerous to humans<br/>         (D) An animal that is dangerous to other animals</p> <p>21. Which are the factors that pose a great threat to biodiversity ?<br/>         (A) Habitat destruction<br/>         (B) Disturbance and introduction of alien species<br/>         (C) Man's interference with nature<br/>         (D) All of these</p> <p>22. Which of the following is a consequence of Man's interference with nature ?<br/>         (A) Increase in natural resources<br/>         (B) Biological imbalance<br/>         (C) Increase in the ozone layer<br/>         (D) Reappearance of some extinct species</p> <p>23. What is National Park ?<br/>         (A) An area strictly reserved for improvement of wild life<br/>         (B) An area where grazing and cultivation are permitted</p> | <p>(C) A park where the whole nation can have picnics<br/>         (D) A park which can be privately owned</p> <p>24. Which of the following are examples of Man's interference with nature that has upset the biological equilibrium ?<br/>         (A) Afforestation<br/>         (B) Recycling of paper<br/>         (C) Poaching endangered animals<br/>         (D) rain harvesting</p> <p>25. Species which are going to enter the endangered category are called :<br/>         (A) endangered species (B) rare species<br/>         (C) vulnerable species<br/>         (D) fossil species</p> <p>26. Energy flow in an ecosystem is :<br/>         (A) multidirectional (B) unidirectional<br/>         (C) bidirectional (D) circular</p> <p>27. which of the following is the biodiversity hot spot ?<br/>         (A) Oceans (B) Rivers<br/>         (C) Deserts (D) Forests</p> <p>28. What are the control methods that are to be adopted to restore balance in the ecosystems ?<br/>         (A) Rain water harvesting for conservation and management of water<br/>         (B) Conservation of ocean resources and preservation of marine life<br/>         (C) Public awareness programmes concerning conservation of wild life<br/>         (D) All of these</p> <p>29. Which of the following is NOT suitable for the conservation of tigers ?<br/>         (A) Set up sanctuaries to protect the animals<br/>         (B) Establish forest reserve<br/>         (C) Establish more recreational and tourist centres in the forest<br/>         (D) Increase public awareness on the effects of indiscriminate hunting on the animals</p> <p>30. Which of the following is NOT the reason for the fall in biodiversity ?<br/>         (A) Deforestation<br/>         (B) Green revolution<br/>         (C) Hunting<br/>         (D) Environmental pollution</p> |
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31. Which of the following conservation helps to maintain diversity ?  
 (A) Pollution (B) Water sources  
 (C) Gene pool (D) Forest reserves
32. Which of the following is NOT true regarding the importance of wild life ?  
 (A) Ecological value  
 (B) Non-commercial value  
 (C) Scientific value  
 (D) Aesthetic value
33. Which of the following is NOT a vanishing wild animal of India ?  
 (A) Leopard (B) Nilgiri langur  
 (C) The sloth (D) Fox
34. What is wild life ?  
 (A) All non-domesticated and non cultivated biota found in their natural habitat  
 (B) All domesticated and non-domesticated animals  
 (C) All cultivated plants and non domesticated animals  
 (D) All non-cultivated plants and domesticated animals
35. Which of the following regions has a rich flora and fauna ?  
 (A) Deccan plateau  
 (B) Lofty Himalayas  
 (C) Slopes of the Himalayas  
 (D) Thar desert
36. Flora and Fauna are :  
 (A) renewable and non-living resources  
 (B) non-renewable and living resources  
 (C) renewable and living resources  
 (D) non-renewable and non-living resources
37. Wildlife protectoin act was passed in the year :  
 (A) 1972 (B) 1970  
 (C) 1982 (D) 1990
38. Which of the following is NOT an effective way to conserve living organisms ?  
 (A) Carry out afforestation  
 (B) Establish national parks  
 (C) Import organisms from other countries  
 (D) Establish centres to look after endangered species
39. Which of the following human activities may cause the extinction of species ?  
 (A) Using animal parts as traditional medicines  
 (B) Encouraging game hunting as a sport  
 (C) Using animal parts as decorative piece  
 (D) All of these
40. The species of plants and animals which are found exclusively in a particular area are:  
 (A) endemic species  
 (B) endangered species  
 (C) rare species  
 (D) extinct species

## ANSWERKEY

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| 1. B  | 2. D  | 3. C  |
| 4. C  | 5. A  | 6. D  |
| 7. A  | 8. B  | 9. C  |
| 10. D | 11. B | 12. A |
| 13. A | 14. D | 15. D |
| 16. B | 17. B | 18. B |
| 19. D | 20. A | 21. D |
| 22. B | 23. A | 24. C |
| 25. C | 26. B | 27. D |
| 28. D | 29. C | 30. B |
| 31. C | 32. B | 33. D |
| 34. A | 35. A | 36. C |
| 37. A | 38. C | 39. D |
| 40. A |       |       |