

- **Question Bank**

Class : **T. Y. B. Sc. (Semester - V)**
Paper Code: **EVS 3502**
Paper: II **Title of Paper : Wildlife Biology**

- **MCQ Question**

- 1) Wildlife generally refers to all species of:
 - a) Mammals
 - b) Birds
 - c) Amphibians and Reptiles
 - d) **All of the above**
- 2) The most important human activity, leading to the extinction of wildlife, is
 - a) **pollution of air and water**
 - b) hunting for valuable wildlife products
 - c) introduction of alien species
 - d) Alteration and destruction of the natural habitats.
- 3) Which of the following is the matching pair of a sanctuary and its main protected wild animal?
 - a) Kaziranga-Musk deer
 - b) **Gir-Lion**
 - c) Sunderban-Rhino
 - d) all of these
- 4) Identify the correctly matched pair
 - a) Corbett park – Aves
 - b) Runn of Kutch – Wild ass
 - c) Gir forest – Rhino
 - d) **Kajiranga-Elephant**
- 5) The breeding place of Flamingo (Hansawar) in India is most likely
 - a) Runn of Kutch
 - b) Ghana Vihar
 - c) Sambhar lake
 - d) **Chilka lake**
- 6) If we uncover half of the forest, covering of the earth, what crisis will be produced at most and at first?
 - a) **Some species will be extricated**
 - b) Population and ecological imbalance will rise up
 - c) Energy crisis will occur
 - d) Rest half forests will maintain this imbalance

- 7) What is the major cause of diminishing wildlife number?
- Felling of trees
 - Paucity of drinking water
 - Cannibalism
 - Habitat destruction**
- 8) Viable material of endangered species can be preserved by
- Gene bank**
 - Gene library
 - Herbarium
 - Gene pool
- 9) Wild life is continuously decreasing. What is the main reason of this?
- Predation
 - Cutting down of forest
 - Destruction of habitat**
 - Hunting
- 10) Which group of vertebrates comprises the highest number of endangered species?
- Mammals**
 - Fishes
 - Reptiles
 - Birds
- 11) Which of the following pairs of an animal and a plant represents endangered organisms in India?
- Banyan and black Duck
 - Benlincia nicobarica and red panda**
 - tamarind and rhesus monkey
 - Cinchona and leopard
- 12) Montreal protocol which calls for appropriate action to protect the ozone layer from human activities was passed in the year
- 1985
 - 1986
 - 1987**
 - 1988
- 13) Which one of the following is not included under in-situ conservation?
- National park
 - Sanctuary
 - Botanical garden**
 - Biosphere reserve
- 14) Which one of the following is the correctly matched pair of an endangered animal and a national park?
- great Indian : Keoladeo national park bustard
 - lion : Corbett national park

- c) **rhinoceros : Kaziranga national park**
d) wild ass : Dudhwa national park
- 15) One of endangered species of Indian medicinal plants is that of
a) Osmium
b) Garlic
c) Nepenthes
d) **Podophyllum**
- 16) In addition to their role in the ecosystem, the value of wildlife is also found in their _____
a) Educational
b) Scientific and Aesthetic
c) Recreational significance
d) **All of the above**
- 17) For wildlife, the struggle for survival became a competition with human beings and their livestock for the very basis of:
a) Life
b) Food and Shelter
c) Space
d) **All of the above**
- 18) An excellent habitat for wildlife in the form of:
a) Alpine grazing lands
b) Sub-alpine scrub
c) Temperate forests
d) **All of the above**
- 19) Some of the main wildlife species are:
a) Snow leopard
b) Black and brown bears
c) Wolf and Otter
d) **All of the above**
- 20) Main threats to the population of wild animals in northern mountainous region include:
a) The competition with the domestic livestock for existing natural forage
b) Increasing human interference in the form of cultivation
c) As trade objects e.g., furs and skins
d) **All of the above**
- 21) Which term describes a species that influences an ecosystem process or the abundance and diversity of organisms in an ecosystem disproportionate to its own abundance?
a) Flagship species
b) **Keystone species**
c) Indicator species
d) Umbrella species

- 22) When was the Central Zoo Authority established in India?
- a) 1995
 - b) 1994
 - c) 1993
 - d) 1992**

• **Answer in one Sentence:**

- 1) Definition of Wildlife Biology.
- 2) Give the different types of plants.
- 3) Give the different types of animals.
- 4) Define urbanization.
- 5) Give the long form of UAN.
- 6) Write the examples of algae.
- 7) Give the examples of fungi.
- 8) Give the examples of bryophytes.
- 9) Define pteridophytes and give its example.
- 10) Give the example of gymnosperm.
- 11) Give the example of angiosperm.
- 12) Give the example of arthropods.
- 13) Give the example of vertebrates.

• **Short Notes:**

- 1) Wildlife Biology
- 2) Wildlife Protection Act
- 3) Diversity of major groups of plants
- 4) Diversity of major groups of animals
- 5) Terrestrial Habitats
- 6) Threats to wildlife habitat
- 7) Wildlife Management Techniques
- 8) Unmanned aerial vehicles
- 9) Biodiversity Hotspots
- 10) Wetland ecosystem
- 11) Reasons for biodiversity formation

- 12) Habitats of faunal species.
- 13) Food chain
- 14) Conservation of genetic resources

- **Short Answer Questions:**

- 1) Define wildlife biology and give the example of protected wildlife species.
- 2) Difference between vertebrates and invertebrates animals.
- 3) Define food chain.
- 4) Explain terrestrial habitats of wildlife diversity.
- 5) Explain aquatic habitats of wildlife diversity.
- 6) Give the examples of protected wildlife species.
- 7) Explain mangrove ecosystem.
- 8) Explain wildlife management technique.

- **Long Answer Questions:**

- 1) Define food chain and explain its types.
- 2) Define wildlife management technique, enlist the technique and explain one.
- 3) Describe the role of wildlife corridors in preserving and increasing biodiversity in fragmented habitats.
- 4) Explain most important human activity, leading to the extinction of wildlife.
- 5) Explain the wildlife terrestrial habitats and different vegetation types.