

BHARATIYA VIDYA BHAVAN'S V.M.PUBLIC SCHOOL, VADODARA
SESSION 2017-18
Question Bank

CHAPTER 15

BIODIVERSITY AND CONSERVATION

VERY SHORT ANSWER QUESTIONS (1 marks each)

- Q1. When was the earth summit held?
- Q2. What is cryopreservation?
- Q3. Expand IUCN.
- Q4. What do you mean by endemic species?
- Q5. What is mass extinction?
- Q6. Define biodiversity.
- Q7. Name any two national parks of India?
- Q8. Which forest is named as LUNGS OF THE FOREST?
- Q9. What is a hot spot?
- Q10. What is genetic diversity?
- Q11. Write the scientific name of the plant that yields reserpine.
- Q12. Name any two threatened animal species of India.
- Q13. Expand CBD and MAB.
- Q14. What are seed banks?
- Q15. What are endangered species?

SHORT ANSWER TYPE QUESTIONS (2 marks each)

- Q1. What are the different levels of biodiversity?
- Q2. What is IUCN red list? Give any two uses of this list.
- Q3. What are David Tillman's long term ecosystem experiments?
- Q4. What is fragmented habitat? Give one example.
- Q5. Differentiate between :
 - a. keystone species and endangered species
 - b. genetic diversity and species diversity.
- Q6. Biodiversity decreases as one moves towards from equator to poles. Justify the statement.
- Q7. Represent diagrammatically the proportion of different groups of plants, invertebrates and vertebrates (global biodiversity).
- Q8. Why the Amazon rain forest in South America has the greatest biodiversity on earth sustainable with number of different species of organisms.

SHORT ANSWER QUESTIONS (3 marks each)

- Q1. Differentiate between in situ and ex situ approaches of conserving biodiversity.
- Q2. Write a note on biodiversity conservation.
- Q3. What is the ecological importance of biodiversity?
- Q4. Describe with an example the latitudinal gradient of biodiversity.
- Q5. What is meant by the term hot spots in biodiversity? List two criteria used for determining a hot spot?
- Q6. How do religious beliefs help in the conservation of biodiversity?
- Q7. What do you mean by losses and fragmentation?
- Q8. Explain narrowly utilitarian and broadly utilitarian.
- Q9. Explain genetic diversity.
- Q10. What do you mean by over exploitation and co-extinctions?

LONG ANSWER QUESTIONS (5 marks each)

- Q1. Explain the efforts for the conservation of biodiversity at international level.
- Q2. What are sacred groves? Where are sacred groves found in India? Name any four.
- Q3. Write note on ex situ conservation of biodiversity.
- Q4. What are the reasons for biodiversity conservation?
- Q5. How is biodiversity important for ecosystem functioning?
- Q6. Explain species area relationship.
- Q7. Write the importance of species diversity to the ecosystem.
- Q8. What are the causes of biodiversity losses?
- Q9. Write a short note on efforts for the conservation of biodiversity in India.
- Q10. What are the advantages of cryopreservation?