

CHAPTER NO 15

BIODIVERSITY & CONSERVATION

- Q1-i) Explain three important components of biodiversity.
- ii) Robert May has estimated global species diversity at about _____.
 - iii) Animal species are estimated to be about _____ percent of all species while plants comprise about _____ percent.
 - iv) Among animals _____ group of animals are most abundant whereas _____ among plants dominate the group.
 - v) India has _____ percent of global species diversity.
 - vi) It is estimated that _____ plant species & _____ animal species are yet to be discovered and described.
 - vii) Species diversity _____ as are more away from equator towards the poles.
 - viii) The greatest biodiversity on earth is found in _____.
- Q2- Give 3 hypothesis for explaining why tropics show greatest levels of species richness.
- Q3- What is the significance of the slope of regression in a species _____ area relationship?
- Q4- What are the consequences of loss of biodiversity in a region?
- Q5- What are the major causes of species losses in a geographical region?
- Q6- What do you understand by 'biodiversity hotspots'? Name the total number of hotspots in world? How many of these are in India? Give their location.
- Q7- What are sacred groves? What is their role in conservation?
- Q8- Among the ecosystem services, are control of floods & soil erosion. How is their achieved by biotic components of the ecosystem?
- Q9- Give a short note on
- a) In situ conservation
 - b) Ex situ conservation
- Q10- Name the organizations/summits set up worldwide to save biodiversity.