

## 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.