



Indira Gandhi National Tribal University, Amarkantak (M.P.)

Semester End Examination, January-2021

Department of Environmental Science

M. Sc. - III Semester

Paper: Biodiversity and Conservation

Paper Code - EST-302

Time Allowed: 2 Hours

Maximum Marks: 60

Note: Attempt all the questions as directed.

Attempt any five questions. Each question carries 12 marks.

1. Define biodiversity? Describe in brief about three levels of biodiversity. (12x1=12)
2. Write a brief note on ecological services. (12x1=12)
3. What is species richness? How it is measured? (12x1=12)
4. Write a brief note on exotic species. How it is impacting on biodiversity? (12x1=12)
5. Classify the different categories of IUCN red list. (12x1=12)
6. Write a brief note on biosphere reserves and its role in conservation. (12x1=12)
7. What are the major differences in national parks and wild life sanctuaries? (12x1=12)
8. What are the biological hotspots? Describe in brief about hotspots of India. (12x1=12)
9. Define *in vitro* conservation. What are the advantages of *in vitro* conservation? (12x1=12)
10. Describe in brief about the current status of protected areas of India. (12x1=12)
