

4-4-2016



DOON UNIVERSITY, DEHRADUN
Mid Semester Examination, Second Semester, 2016
School of Environment & Natural Resources
M.Sc. (Natural Resource Management)
Course: ENR 516: Biodiversity Assessment & Conservation

Time Allowed: 2 Hours

Maximum Marks: 30

Note: Attempt Questions from All Sections A, B, C.

SECTION: A Attempt any Five Questions.

(Marks 2x5=10)

- Q1. Name any four Scientists working in the area of Biodiversity Conservation.
- Q2. Differentiate between biological and chemical evolution
- Q3. Differentiate between specialist and generalist species.
- Q4. What is background extinction? How is it different from mass extinction?
- Q5. What are the six kingdoms of classification.
- Q6. Differentiate between Species diversity, genetic diversity and ecosystem diversity.

SECTION: B Attempt any Five Questions

(Marks: 3x5=15)

- Q1. What is CBD? Discuss the CBD 2010 targets.
- Q2. What are aquatic biomes. Discuss the ecological and economic services provided by freshwater.
- Q3. Explain the factors affecting distribution of biodiversity ? Discuss the status of biodiversity of India.
- Q4. Who is the father of modern taxonomy? Write a note on Binomial Nomenclature.
- Q5. Discuss the methods for measuring biodiversity ?
- Q6. What do you understand by biodiversity hotspot? Discuss the two hotspots of India .

SECTION: C Attempt any ONE Question.

(Marks: 1x5=5)

- Q1. Discuss alpha, beta and Gamma diversity with suitable example.
- Q2. What are Wetlands. Discuss their functional value and importance for the conservation.