

B.Sc. 3rd Semester (Honour's) Examination, 2021
FORESTRY

Course ID: 33501

Course Code: **SH/FST/ NR 2104**

Course Title: Environmental Studies and Disaster Management

Time: 2 Hours

Full Marks: 50

The figures in the margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

- I. Write a definition or one sentence answer any 10 of the following 1x10=10
1. Deforestation
 2. Environment Science
 3. Solar Energy
 4. Environment management
 5. Biodiversity
 6. Secondary succession
 7. Lotic ecosystem
 8. Ozone depletion
 9. Ecological niche
 10. Project Red panda
 11. Project tiger
 12. IUCN
 13. Biosphere
 14. Non-formal education
 15. Full form of CPCB
- II. Write short note/ define any 10 of the following 2x10 =20
1. Meteorological drought
 2. Types of mineral resources
 3. Aspects of Ecosystem
 4. Air pollution
 5. Forest Conservation Act
 6. Biota of the soil
 7. Biodiversity Act
 8. JNF
 9. Effects of air pollution
 10. Energy resources
 11. Ecological pyramid
 12. Define water pollution
 13. Function of IUCN
 14. Ozone hole
 15. Waste land and their reclamation

III. Write down in brief any four (4) of the following

5x4=20

1. Role and function of Environment Protection Act 1986. Explain in Brief.
2. Discuss climate change with majors drawback of climate change with example.
3. What do you understand by 'Hot spots of bio-diversity? Name and brief describe the two hot spots of bio-diversity that extends into India?
4. Describe classification of Pollutants? Explain the value of Biodiversity with suitable example?
5. Explain the concept of an ecosystem. Give a schematic representation of the structure of the ecosystem.
6. Discuss the causes and effects of Air pollution. What control measures can be taken for prevention of Air pollution?