

**B.Sc. Semester-VI Examination, 2022-23****FORESTRY [Honours]**

Course ID : 63515 Course Code : SH/FST/NR 3213

Course Title : Restoration Ecology

Time : 2 Hours

Full Marks : 50

*The figures in the right-hand margin indicate 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 **ten** of the followings: 1×10=10

1. Who first used the term 'Ecology'?
2. What is Autecology?
3. What is Shallow Ecology?
4. What is weathering?
5. What is ravine?
6. What is Sheet erosion?
7. What is physical land degradation?
8. Give an example of Acid soil.
9. Mention the pH level of alkaline soil.
10. What is landslide?
11. What is Loamy soil?

12. Give an example of water-logged area.
13. What is cold desert?
14. What is the full form of NGO?
15. Mention one preventive measures name of desertification.

II. Write short note/ define any **ten** of the followings:  
2×10=20

1. What is land degradation?
2. Define soil erosion
3. Define denudation
4. Define Social Forestry.
5. Define Deep Ecology.
6. What is Ecotone?
7. Mention two names of NGO institute who work wasteland development in India.
8. What is splash erosion?
9. Cause of salt affected soils.
10. Reclamation of denuded hill slopes.
11. What is avalanche?
12. Define desertification.
13. Mention the characteristics of acid soil.
14. Mention two salt tolerant species.
15. Explain how desertification prevent by afforestation.

III. Write down in brief any **four** of the followings:

5×4=20

1. Briefly describe the causes of land degradation.
2. "Afforestation prevents soil erosion"— explain it.
3. Explain how salt affected soil effects on plant growth.
4. Explain the process of sand dune formation.
5. Briefly explain the impact of soil pollution on forest.
6. Explain the role of NGOs wasteland development programme.

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