

B.Sc. GEOGRAPHY SECOND YEAR SECOND SEMESTER EXAMINATION 2022

Subject: Soil and Biogeography

Paper: SC/GEOG/UG/CORE/TH/08

Time: 1 hour 30 minutes

Full Marks: 30

GROUP-A

Answer any one question

10x1 = 10

1. Explain the role of texture and structure in enhancing the fertility of soil. What is the impact of leaching on soil pH? 7+3
2. Discuss the measures of in-situ conservation of biodiversity in India. Why agroforestry is considered as an effective soil conservation measure? 6+4

GROUP-B

Answer any two questions

5x2 = 10

3. Differentiate between laterization and podzolization.
4. State the importance of CEC in controlling soil reaction.
5. State the vegetation layering and canopy pattern of equatorial rain forest.
6. Compare the concepts of biome and anthrome.

GROUP-C

Answer any two questions

2x2 = 4

7. What is clay-humus complex? ,
8. Differentiate between habitat and niche
9. Differentiate between alpha and beta diversity.
10. Define bulk density.

Internal Assessment

6