

**Geography [Honours]****[CBCS]****B.Sc. Third Semester End Examination-2023****(Regular & Supplementary Paper)****PAPER-C6T*****Full Marks: 40******Time: 02 Hrs****The figures in the right hand margin indicate marks**Candidates are required to give their answers in their own words as far as practicable**Illustrate the answers wherever necessary***Group A****Answer any one question of the following: 1x10 = 10**

1. Discuss the environmental conditions of tropical Rain forest and adaptation strategy of plants within this environment. 5+5
2. Discuss the controlling factors and development process of podzol soil. 5+5

**Group B****Answer any four questions of the following: 4x5 = 20**

3. Describe the role of different soil forming factors. 1+4
4. Write about the methods of conserving soil in a mountainous region. 5

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5. Discuss the causes of elephant migration in Jungle Mahal area. 5
6. Define soil structure and describe the function of soil structure? 2+3
7. Write the characteristics of Laterite soil and describe Laterization process? 2+3
8. Discuss about the fundamental soil forming processes. 5

**Group C**

**Answer any five questions of the following: 5x2 = 10**

9. Define Biome.
  10. Differentiate between Pedocal and Pedalfer soil.
  11. Define zonal soil.
  12. What is soil degradation?
  13. Distinguish between food chain and food web.
  14. What is soil texture?
  15. What is soil profile?
  16. What is Duricrust?
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