

B.A. (Honours) Semester-III Examination, 2014

Geography

Paper - VI

(Soil Geography)

Time: 3 Hours

Full Marks: 40

Questions are of value as indicated in the margin.

Answer **any one** question from each unit.

Unit - I

(Soil and its Basic Characteristics)

1. What are the major functions of Soil? Define the physical properties of Soil. Classify Soil according to its texture. 4+5+5=14
2. What is Regolith? What do you mean by the pH of the soil? Discuss the influence of soil reaction on the availability of plant nutrients. 3+4+7=14

Unit - II

(Soil Forming Processes)

3. How does climate influence the formation of soils in different regions? Elucidate the processes of podzolisation. 8+5=13
4. Describe an ideal in situ soil profile with diagram. Classify soils into Zonal, Azonal, and Intra-zonal varieties and mention the basis of such classification. 5+8=13

Unit - III

(Soil Erosion and its Management)

5. What do you mean by Soil fertility? Discuss the integrated nutrient management procedures for the improvement of the soil quality. 3+10=13
 6. What are the measures of soil conservation? How are red soils distributed in India? 8+5=13
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