

M.A. Examination, 2018

Semester-II

Geography

Course : IX

(Landscape and Human Ecology)

Time : 3 Hours

Full Marks : 40

Questions are of value as indicated in the margin

Answer **three** questions selecting **one** from each unit

Unit – I

(Concepts, Approaches and Theories in Landscape Ecology)

1. Define Landscape Ecology. Discuss in brief the contribution of different disciplines in this context. 6+8=14
2. What do you understand by the term Patch Dynamics? Explain the methods used in Landscape Ecology. 6+8=14

Unit – II

(Processes and Principles of Landscape Dynamics)

3. “The evaluation of soil as a resource depends on time and place” – Justify the statement Highlight some conservation measures for improving the physical aspects of soil fertility. 7+6=13
4. What do you mean by land capability? Differentiate the classification method of land put forwarded by USDA from that of FAO system. 6+7=13

Unit – III

(Basics and Emerging Dimensions of Human Ecology)

5. Bring out the differences between Human Ecology and Human Geography. 13
 6. Define the concepts of social autotrophy and social heterotrophy. How can these concepts be applied in the analysis of a rural human ecosystem in the Indian context? 2.5+2.5+8=13
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