

B.A. (Honours) Examination, 2017
Semester-II
Geography
Course – H-3
(Biogeography)

Time: 3 Hours

Full Marks: 40

Questions are of value as indicated in the margin.

Answer **three** questions selecting **one** from each Unit. Give suitable maps and diagrams wherever necessary. Answers should be brief and to the point.

Unit-I

(Concepts and Components of Biogeography)

1. Briefly discuss the nature and scope of Biogeography indicating its major subdivisions. Justify the purpose of the subdivisions. 11+3=14
2. Define Ecosystem. Identify the major subdivisions of an ecosystem with examples from Forest. Briefly discuss the relevance of ecosystem in the study of Biogeography. 2+8+4=14

Unit-II

(Energy : Property and Functions)

3. Identify the basic forms and principal sources of energy from Biogeographic perspective with appropriate examples. What is Gross and Net Production? 10+3=13
4. Give a biogeographical interpretation of the First and Second Law of Thermodynamics. 13

Unit-III

(Environmental Controls on Plants and Animals)

5. Briefly discuss the principal features that characterize Forest and Grassland Associations. Comment on their global distribution. 9+4=13
 6. What are the major environmental and natural controls of plant and animal reproduction? Identify the signals for plant reproduction indicating their specialities. Briefly discuss the principal arrangements for seed distribution by plants. 5+4+4=13
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