

**B.A. (Honours) Examination, 2015**

**Semester-II**

**Geography**

**Paper – 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 diagrams and maps wherever necessary. Answers should be brief and to the point.

**Unit-I**

**(Concepts and Components of Biogeography)**

1. Bring out the role of Biogeography in understanding major branches of Geography. Give appropriate examples. 14
2. Define Ecosystem. Identify the major subdivisions of a forest ecosystem. 2+12=14

**Unit-II**

**(Energy: Properties and Functions)**

3. Discuss the principal forms and sources of energy in the earth-atmosphere ecosystem. 13
4. Give a biogeographic interpretation of First and Second Law of Thermodynamics. 13

**Unit-III**

**(Environmental Controls on Plants and Animals)**

5. What are the principal characteristics of Forest, Grassland and Desert Shrub Plant Associations? Briefly describe the global distribution of these Associations. 6+7=13
  6. Discuss the functional controls of Temperature and Light on types and distribution of natural vegetation. 13
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