

B.A. (Honours) Examination, 2018

Semester-II

Geography

Course : H-3 (Old)

(Biogeography)

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 and components of Bio Geography)

1. What is 'Biogeography'? Bring out the role of Biogeography in understanding major branches of Geography with suitable examples. 2+12=14
2. What do you mean by Biosphere? Discuss the principal subdivisions of biosphere with appropriate examples. 2+12=14

Unit – II

(Energy: Property and Functions)

3. Define Gross production and Net Production. Explain the mechanism of energy flow through trophic levels. 2+2+9=13
4. Write any two short notes from the following : 6.5+6.5=13
(a) Pond Ecosystem, (b) Food web and Food chain (c) Sources of energy in ecosystem.

Unit – III

(Environmental controls on plants and Animals)

5. Explain the roles played by temperature and water as controlling factors for vegetation. 7+6=13
 6. Discuss the characteristic features of Desert shrubs plant association. Explain the edaphic factors that control the growth and distribution of vegetation. 4+9=13
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