

Total No. of Questions : 6]

SEAT No. :

[Total No. of Pages : 1

P1605

[5128]-406

M.A./M.Sc.

GEOGRAPHY

Gg - 422 : Biogeography

(2013 Pattern) (Semester - IV) (Credit System)

Time : 2½ Hours]

[Max. Marks : 38

Instructions to the candidates:

- 1) *Attempt any two questions from question Q.1 to Q. 4.*
- 2) *Questions No.5 and No.6 are compulsory.*
- 3) *Draw figures / maps wherever necessary.*
- 3) *Figures to the right indicate full marks.*
- 4) *Use of map stencils and calculators is allowed.*

- Q1)** a) What is extinction process? [2]
b) Define biogeography and describe its history in detail. [4]
c) Explain the ancient patterns in distribution of plants and animals. [4]
- Q2)** a) Write the hazards of island life. [2]
b) Discuss the variety of island habitats. [4]
c) Describe the factors of physical limitation of life. [4]
- Q3)** a) What is ecosystem? [2]
b) Explain concept of evolution and adaptation as basic process in biogeography. [4]
c) Describe biomass of deserts. [4]
- Q4)** a) What is biome? [2]
b) Explain the evidences of paleomagnetism [4]
c) Describe major zoogeographical provinces in the world. [4]
- Q5)** a) Discuss the biodiversity pattern. [4]
b) Describe the nature and scope of biogeography. [5]
- Q6)** a) Explain the distribution pattern of habitats and microhabitats. [4]
b) Describe temperate broad leaf forest biomes with respect to regional climate and species richness. [5]

