

Total No. of Questions : 6]

SEAT No. :

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[5228]-302

M.A./M.Sc.

GEOGRAPHY

**Gg-310 : Tropical Geomorphology
(2013 Pattern) (Semester-III) (Credit System)**

Time : 2½ Hours]

[Max. Marks : 38

Instructions to the candidates:

- 1) *Attempt any two questions from Q 1 to Q 4.*
- 2) *Questions 5 and 6 are compulsory.*
- 3) *Figures to the right indicate full marks.*
- 4) *Use of map stencils is allowed.*

Q1) a) Define tropical environment. [2]

b) Explain the peculiarities of tropical climate. [4]

c) Describe the classification of tropics. [4]

Q2) a) What is meant by duricrust? [2]

b) Give the distribution of indurated laterite in the world. [4]

c) Describe the slope and valley forms in the tropical landscape. [4]

Q3) a) What are tropical soils? [2]

b) Explain the types of mass movements in the tropics. [4]

c) Explain the process of landform development on lateritic terrain. [4]

Q4) a) What is clay mineral? [2]

b) Describe the process of soil formation in the tropics. [4]

c) Explain the characteristics of the tropical coast. [4]

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- Q5)** a) Discuss the climatic and environmental factors in the tropics. [4]
b) Explain the rate of tectonic and climatic changes in the tropics. [5]
- Q6)** a) Give an account of domed and boulder inselbergs in the tropics. [4]
b) Explain the hillslope and pediments in the tropics. [5]

