

Total No. of Questions :7]

SEAT No. :

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M.A./ M.Sc.

GEOGRAPHY

**Gg - 101 : Principles of Geomorphology
(2008 Pattern) (Semester - I)**

Time : 3 Hours]

[Max. Marks :80

Instructions to the candidates:

- 1) Attempt any four questions.*
- 2) All questions carry equal marks.*
- 3) Use of map stencils is allowed.*

Q1) Define geomorphology and write a review on its historical development.

Q2) Give an account of 'sea floor spreading'.

Q3) Describe epiorogenic and orogenic movements.

Q4) Define and compare various processes of denudation.

Q5) 'Drainage basin as a geomorphic unit'. Discuss.

Q6) Give a brief account of 'slope morphology'.

Q7) Write notes on any two:

- a) Ergodic Principle.
- b) Peneplanation.
- c) Biological weathering.



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M.A./M.Sc.

GEOGRAPHY

**Gg 102 : Principles of Climatology
(2008 Pattern) (Semester - I)**

Time : 3 Hours]

[Max. Marks : 50

Instructions to the candidates:

- 1) Attempt any four questions.*
- 2) All questions carry equal marks.*
- 3) Use of map stencils is allowed.*

Q1) Distinguish between weather and climate. Discuss the nature of tropical climatology.

Q2) Explain vertical structure of atmosphere based on temperature change.

Q3) Describe latitudinal and seasonal variations of insolation.

Q4) Give an account of the distribution of surface pressure.

Q5) Explain tricellular model of general circulation of the atmosphere.

Q6) Define humidity and discuss its methods of measurement. Explain the factors affecting condensation.

Q7) Write notes on any two:

- a) Environmental lapse rate.
- b) Types of fronts.
- c) Methods of weather forecasting.

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