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M.A./M.Sc.

GEOGRAPHY

**Gg-221: Monsoon Climatology
(2008 Pattern) (Semester-II)**

Time : 3 Hours]

[Max. Marks :80

Instructions to the candidates:

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

Q1) Discuss the environmental & economic importance of monsoon climatology.

Q2) Give an account of monsoon of South Asia.

Q3) Discuss driving mechanism of monsoon with reference to effects of rotation & moisture.

Q4) Give an account of surface winds & upper winds.

Q5) Give an account of semi permanent system of monsoon.

Q6) Discuss intra-seasonal active & break monsoon situations of monsoon rainfall.

Q7) Write short notes (any two):

- a) Parametric & multiple power regression model.
- b) Historical perspective of monsoon forecasting
- c) Summer monsoon.

