

Total No. of Questions :7]

SEAT No. :

[Total No. of Pages :1

P2048

[5328] - 27

M.A/M.Sc.

GEOGRAPHY

Gg-220 : Fluvial Geomorphology

(2008 Pattern) (Semester - II)

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 stencil is allowed.*

Q1) Write in detail about Horton's Laws of drainage composition.

Q2) 'Shear stress and stream power play a vital role in open channel hydraulics'.
Discuss.

Q3) Explain the capacity and competence of river with reference to sediment
entrainment and transport

Q4) Describe various parameters of channel cross section with suitable diagram

Q5) Describe various erosional features in the course of a river.

Q6) Define river metamorphosis. Explain long term and short term adjustments of
river.

Q7) Write notes (any two):

- a) Belt - of - no - erosion.
- b) Meandering channel pattern.
- c) Types of fluvial Erosion.

