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SEAT No. :

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M.A./M.Sc.

GEOGRAPHY

**Gg - 314 : Geoinformatics - III
(2008 Pattern) (Semester - III)**

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 and calculator is allowed.*

Q1) Giving suitable examples explain Zonal and Global grid operations in spatial analysis.

Q2) Discuss with suitable examples various application areas of DEM & DTM.

Q3) What is image enhancement? Discuss various methods of image enhancement.

Q4) Give an account of Classification accuracy in digital image processing.

Q5) Explain basic concepts of Radar and discuss the utility of SRTM and hyper spectral remote sensing.

Q6) Discuss with suitable examples various applications of Microwave and thermal remote sensing.

P.T.O.

Q7) Write notes on any two:

- a) Point pattern analysis
- b) TVI and GNDVI
- c) SLR and LIDAR

