

Total No. of Questions : 6]

SEAT No :

P1587

[5128]-213

[Total No. of Pages : 1

M.A/M.Sc.

GEOGRAPHY

Gg-208 Geoinformatics-I

(2013 Pattern) (Semester-II) (Credit System)

Time : 3 Hours

Max. Marks : 38

Instructions to the candidates:

- 1) Attempt any two questions from Q.1 to Q.4**
- 2) Question 5 and 6 are compulsory**
- 3) Figures to the right indicate full marks.**

- Q1)** a) What are components of GIS? [2]
b) Discuss the tasks of GIS. [4]
c) Describe any two applications of GIS. [4]
- Q2)** a) What is mean by ordinal scale. Give suitable examples. [2]
b) What are the advantages of DBMS [4]
c) Discuss the potential of GIS in detail. [4]
- Q3)** a) Mention the three characteristics of topology building. [2]
b) Write a note on manual digitizing. [4]
c) Explain the errors and correction of errors during digitizing processes. [4]
- Q4)** a) Define spatial query. [2]
b) Describe the concept of layers and coverages in GIS. [4]
c) Explain in detail the history of GIS. [4]
- Q5)** a) Explain the local and focal operations used in map algebra. [4]
b) Distinguish between the raster and vector data models. [5]
- Q6)** a) Describe the types of implementation models used in GIS. [4]
b) Describe the types of query analysis and explain SQL. [5]

