[5128]-26

M.A. / M.Sc.

GEOGRAPHY

Gg - 214 : Geoinformatics

(2008 Pattern) (Semester - II) (Paper - I)

Time : 3 Hours] *[Max. Marks : 80*

Instructions to the candidates:
1) *Attempt any four questions.*
2) *All questions carry equal marks.*
3) *Draw figures / maps wherever necessary.*

Q1) Discuss in detail potential of GIS and elaborate the tasks of GIS with suitable examples.

Q2) Discuss in detail spatial and non spatial database in GIS.

Q3) What are different geometric primitives? Differentiate between raster and vector data models.

Q4) Give an account of topological building in GIS.

Q5) What is SQL? Discuss in detail application of SQL in attribute query.

Q6) Define the term map algebra and explain with suitable examples grid operations in GIS.

Q7) Write notes on any two:
   a) Objectives of GIS.
   b) Advantages of DBMS.
   c) Operations for set theory.

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