

AQ – 852

First Semester M. Sc. (Part – I) Examination
(CBCS Pattern)

GEOINFORMATICS

Paper – MGI – 102
(Introduction to GIS)

P. Pages : 3

Time : Three Hours]

[Max. Marks : 80

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- Note :** (1) All questions are compulsory and carry equal marks.
(2) Draw neat sketches wherever necessary.

1. Write in detail about the various components of GIS.

OR

Describe in brief the significance of aerial photographs and their applications in geoinformatics.

2. Write in brief on the following :—
 - (a) Object data base management.
 - (b) Digital terrain modeling.

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OR

- (c) Comparison of raster and vector methods.
- (d) Spatial entities.

3. Write in brief on the following :—

- (a) Integrated GIS data base.
- (b) Encoding methods of data input.

OR

- (c) Data editing.
- (d) Automatic digitizing methods.

4. Describe in detail the role of GIS for surface analysis.

OR

Give an account of measurements of lengths, perimeter and area in GIS. Add a note on queries.

5. Write in brief on the following :—

- (a) Non-cartographic outputs.

- (b) Maps as decision tools.

OR

- (c) Maps as outputs.
- (d) Models of physical processes.

