

M.Sc. 4th Semester Examination, 2011

REMOTE SENSING & GIS

PAPER—XIII

Full Marks : 40

Time : 2 hours

The figures in the right-hand margin indicate marks

Candidates are required to give their answers in their own words as far as practicable

Illustrate the answers wherever necessary

PAPER—XIII(RG-2201)

(Research Methodology)

[Marks : 20]

Answer any two questions : 10 × 2

1. (a) Explain with suitable examples about the interrelationships between 'observation', 'knowledge' and 'research' in your subject orientation.

(Turn Over)

- (b) Discuss on the major differences between the research methodology on earth science with other science disciplines. 5 + 5
2. (a) What is the need for research ?
- (b) What is the general approach to understand the characteristics of research ? 5 + 5
3. (a) Define 'research'.
- (b) What is scientific method ? 5 + 5
4. (a) What are the criteria for good research ?
- (b) What are the sources for the research problem identification and selection ? 5 + 5

PAPER—XIII(RG-2202)

(Project Management)

[Marks : 20]

Answer any *two* questions : 10 × 2

1. What do you mean by "concept" in Research project ? Classify "project" as per functioning. Distinguish between project work and research work. 2 + 5 + 3

2. State different approaches of project management. Describe different approaches to identify different problem in a project towards GIS application. 5 + 5

 3. Suppose you are going to handle a project on “potable water scarcity in your district using geoinformatics”. Now how do you model the project as a project administrator considering all the relevant data. 10

 4. Discuss the importance of “project scheduling”. Prepare a project report on any of the suitable problem of your choice (very briefly). 10
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