2015

M.Sc.

4th Semester Examination

REMOTE SENSING AND GIS

PAPER—RSG-401

Full Marks : 40

Time : 2 Hours

The figures in the right-hand margin indicate full marks.

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

Illustrate the answers wherever necessary.

Use Separate answer book for each Group.

Group–A

(*Research Methodology*)

[Marks : 20]

Answer any *two* questions :　　　　2×10

1. Explain the significance of a research report and narrate the various steps involved in writing such a report citing examples.　　　　10

2. (a) Define 'hypothesis'.

   (b) How will you frame it ?

   (c) What do you mean by significance of the research problem ?　　　　2+3+5

(Turn Over)

3. (a) Write down the importance and characteristics of good sample. 2+3

   (b) State the following statements are True (T) or False (F) : 5×1

      (i) Variance and variable are one and the same.

      (ii) A single member of a population is called the sample.

      (iii) A randomly selected sample reflects the characteristics of population.

      (iv) In stratified random sampling the population elements are homogeneous.

      (v) In non-probability sampling the elements have unequal chances of being selected. (2+3)+5×1

4. (a) What are the sources of research problem ?

   (b) How will you evaluate the research problem ? 5+5

Group–B

(*Project Management*)

[Marks : 20]

Answer any *two* questions : 2×10

1. What do you mean by Project ? Briefly discuss the nature and characteristics of project. 4+6

2. Explain the project life cycle curve. Describe different phrases of project-life cycle with suitable examples. 4+6

3. (i) What is job cost accounting referred to ?

   (ii) Give a brief account on various steps for performing a project Cost-Benefit Analysis. 3+7

4. What do you mean by project management ? What are the basic elements of project management ?