

**M.Sc. 3rd Semester Examination, 2011**

**REMOTE SENSING AND GIS**

PAPER — RSG-308

Option — 4

( Practical )

*Full Marks : 25*

*Time : 2 hours*

**Answer all questions**

*The figures in the right hand margin indicate marks*

1. (a) Prepare a flowchart showing various stages of interpretation of remotely sensed data for geological mapping.
  
- (b) What is drainage density? How the drainage density is used in the interpretation of soil and rock types of the area? 4 + (2 + 6)

( Turn Over )

2. What kind of drainage pattern/structure do you recognize from the supplied image ? What would be the probable rock types/soil types from the drainage pattern ? Illustrate those as a vector layer and save it against your roll no. 3 + 5
3. Practical Note Book and Viva-voce. 5

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