

M.Sc. 3rd Semester Practical Examination, 2012

REMOTE SENSING AND GIS

(Practical)

PAPER—RSG-305

Full Marks : 25

Time : 2 hours

Answer all questions

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

1. Compute the runoff from single storm of 37 cm, in the given watershed, using SCS-Runoff Curve Number (CN) method. The soil of that region is considered to

10] be homogenous and CN values for individual land use are given below :

<u>Land Use</u>	<u>CN</u>
Cultivated Land	72
Agricultural Fallow	76
Wet Lands	95
Dry fallow	77
Settlement	77
Dense Forest	30
Open Forest	36
Water Body	98

[Lab Work (5 +7) + Paper Work (8)]

2. Laboratory Note Book and Viva voce.

5.