

**2013**

**M.Sc.**

**2nd Semester Examination**

**REMOTE SENSING AND GIS**

**PAPER—RSG-208**

**(PRACTICAL)**

**Full Marks : 25**

**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.*

**( Spatial Geostatistics )**

**Answer all questions.**

1. Draw a Lorenz Curve using the following dataset and show 'Line of equality' over the graph. Estimate Gini's coefficient and interpret it : 6+4

Sl. No.	State	Literacy Rate in % (2001)	
		Total	Female
1.	Andhra Pradesh	61	50
2.	Arunachal Pradesh	54	44
3.	Bihar	47	33
4.	Gujrat	69	58
5.	Jharkhand	54	39
6.	Madhya Pradesh	64	50
7.	Mizoram	89	87
8.	Sikkim	69	60
9.	West Bengal	69	60
10.	Delhi	82	75

2. Compute Principal Component for the given image and show correlation between 1st and 2nd Principal Component. 6+4

3. Practical note book and Viva voce. 5