

**2017**

**M.Sc.**

**3rd Semester Examination**

**REMOTE SENSING AND GIS**

**PAPER—RSG-307**

**(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.*

**( Geostatistics )**

1. Compare the level of inequalities in the distribution of literacy rate and population density (dataset-I) of West Bengal using a suitable statistical technique.

Prepare a map and interpret it.

6+4

*(Turn Over)*

2. With the given data create surface using IDW and Kriging method; and validate the estimated surface using  $R^2$  and RMSE. 10
  3. Practical Note book and Viva-Voce. 5
-