

U.G. 4th Semester Examination - 2020

GEOGRAPHY

[HONOURS]

Skill Enhancement Course (SEC)

Course Code : GEOH-SEC-P-2A

(Advance Spatial Statistical Techniques)

(PRACTICAL)

Full Marks : 40

Time : 4 Hours

The figures in the right-hand margin indicate marks.

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

Answer all the questions.

1. State the application of Nearest Neighbour Analysis with suitable examples. Distinguish between spatial and non-spatial data. 4+4=8
2. Discuss the essential characteristics of a normal distribution. 7
3. Specify the advantages and disadvantages of moving mean method in time series analysis. Mention the significance of residuals in regression analysis. 4+3=7

4. Write short notes on the followings (any **two**): $4 \times 2 = 8$
 - a) Correlation
 - b) Regression
 - c) Skewness
 - d) Seasonal component of time series
5. Laboratory Note Book and Viva Voce. 5+5=10
