

**U.G. 4th Semester Examination - 2021**

**GEOGRAPHY**

[PROGRAMME]

**Skill Enhancement Course (SEC)**

**Course Code : GEO-G-SEC-P-02(A)**

**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 significance of sampling distribution. 5
2. State the definition of probability. What is Exhaustive events? 2+3=5
3. Mention the basic properties of normal distribution. 5
4. Distinguish between correlation and regression. 5

5. Write short notes on the following (any **four**) :

$2\frac{1}{2} \times 4 = 10$

- a) Standard error
- b) Linear trend
- c) Spatial data
- d) Skewness
- e) Non-spatial data
- f) Cyclic variations in time series.
- g) Moving average method.

6. Laboratory Note Book and Viva Voce. 5+5=10

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