

**U.G. 3rd Semester Examination - 2021**

**GEOGRAPHY**

[HONOURS]

**Course Code : GEO-H-CC-T-06**

**(Statistical Methods in Geography)**

[New Syllabus under CBCS]

Full Marks : 40

Time : 2½ 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.*

**UNIT-I**

1. Answer any **three** of the following questions :

2×3=6

- a) What are nominal data?
- b) What are ordinal data?
- c) What are meant by interval data?
- d) What is frequency distribution?
- e) What are secondary data?

2. Answer any **one** of the following questions : 4×1=4

- a) Specify the methods of purposive sampling with examples.
- b) Draw a graph for the standard normal distribution and label it appropriately.

3. Answer any **one** from the following questions:

10×1=10

- a) State the different methods of primary data collection.
- b) Elaborate the methods of systematic and stratified sampling with suitable examples.

**UNIT-II**

4. Answer any **three** from the following questions:

2×3=6

- a) What is coefficient of variation?
- b) What is standard deviation?
- c) What is mean deviation?
- d) What is central tendency?
- e) What are partition values?

5. Answer any **one** from the following questions:

4×1=4

- a) Highlight the basic properties of correlation coefficient.
- b) Differentiate correlation from regression.

6. Answer any **one** from the following questions:

10×1=10

- a) Compare the arithmetic mean, median and mode as measures of central tendency.
- b) Discuss the significance of time series analysis in Geography.

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