

HONOURS

576/Geog/PR

SKBU/UG/4th Sem/Geog/HS405/21

U.G. 4th Semester Examination - 2021

GEOGRAPHY

Course Code : BGEOSEHS405

Course Title : Advanced Spatial Statistical
Techniques

[PRACTICAL]

Full Marks : 20

Time : 1 Hour

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 :

2×10=20

1. What is the difference between variable and attribute?
2. Give ONE example each of spatial data and non-spatial data.
3. What are the different types of standard statistical distribution?
4. Give ONE example of non-probability sampling.
5. Which of the following is NOT appropriate for studying the relationship between two quantitative variables?

a) correlation

b) regression

c) histogram

6. What is the difference between correlation and regression?
7. Which of the following CANNOT be answered from a regression equation?
 - a) Predict the value of y at a particular value of x
 - b) Estimate the slope between y and x
 - c) Estimate whether the relation is linear or non-linear
8. What do you mean by residuals of regression?
9. What is the significance of multivariate analysis?
10. Name TWO software package for statistical analysis.

[Turn Over]

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