

# 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.

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[Turn Over]

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