2018

CBCS

3rd Semester

GEOGRAPHY

PAPER—C6T

(Honours)

Full Marks : 40

Time : 2 Hours

The figures in the right-hand margin indicate full marks.

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

Illustrate the answers wherever necessary.

Statistical Method in Geography

Answer *all* questions.

Group—A

Answer any *five* questions. 5×2

1. Define snowball sampling.

2. What is covariance ?

3. Highlight specific uses of time series analysis.

4. Differentiate multivariate from bivariate data.

5. Define cumulative frequency distribution.

6. When is CV used ?

7. What is meant by relative frequency ?

8. Mention essential parts of a statistical table.

Group—B

Answer any *four* questions. 4×5

9. Outline the characteristics of a normal probability distribution curve.

10. Distinguish between cluster sampling and stratified random sampling. What is sampling frame ? 4+1

(Continued)

11. Highlight marits and demerits of arithmatic mean. Why is median suitable for open-ended data sets ? 4+1

12. Briefly describe the different sources of data collection. Define data. Distinguish between discrete data and continuous data. 1+4

13. What are the advantages of Spearman's rank correlation over Karlton Pearson's correlation coefficient and how correlation is interrelated with regression ? 3+2

14. Distinguish between 'sample' and 'population'. Write the needs of 'sampling' in geographical study. $2\frac{1}{2}+2\frac{1}{2}$

Group—C

Answer any *one* question. 1×10

15. What is the scale of measurement ? Classify the measurement scales and write the basic characteristics and uses of these. 2+(2+6)

16. Define correlation. When is rank correlation used ? How is rank correlation different from Pearson's product moment correlation co-efficient ? State the properties of bivariate linear regression. 1+1+2+6

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