RGG-102

**M.Phil. AND Ph.D. GEOGRAPHY
(MPHILGEOG & PHDGEOG)**

Term-End Examination

June, 2022

RGG-102 : RESEARCH TECHNIQUES

Time : 3 hours   *Maximum Marks : 100*

Note : *Answer any **five** questions. All questions carry equal marks.*

1. Differentiate between Probability and Non-probability sampling. Explain any two types of non-probability sampling, with suitable examples.   *20*

2. Explain in detail the epistemological basis of quantitative research methods in geography.   *20*

3. What is Parametric and Non-parametric hypothesis testing ? Discuss any two types of parametric hypothesis testing, with suitable examples.   *20*

4. What is Observation ? Critically analyse the participant observation by positing yourself as a researcher by citing apt examples.   *20*

5. Explain with suitable examples the applications of Remote Sensing and GIS in Natural Resource Management. *20*

6. Differentiate between Descriptive and Analytical codes. In what ways are they related to each other ? What are their respective uses in coding qualitative data in research ? *20*

7. Write short notes on any *two* of the following : *2×10=20*

  (a) Normal Probability Curve and its Properties

  (b) Gini's Coefficient Measurement of Inequality

  (c) Absolute Measures of Dispersion

  (d) Histogram

8. Write short notes on any *two* of the following : *2×10=20*

  (a) Focus Group Discussion as a tool in Geographical Research

  (b) Oral History

  (c) Transect Walk

  (d) Purpose of Coding

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