

**Ph.D. GEOGRAPHY
(PHDGEOG)**

00482

Term-End Examination

December, 2017

RGG-102 : RESEARCH TECHNIQUES

Time : 3 hours

Maximum Marks : 100

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

1. Explain in detail, Epistemological and Methodological issues in quantitative research. 20
2. What is Sampling ? Describe any two types of probability sampling with suitable examples. 20
3. Discuss the challenges encountered and the strategies adopted during Participatory Action Research (PAR) with suitable examples. 20
4. Elaborate the four types of themes suggested by Anselm Strauss to begin the process of coding in qualitative research. 20

5. How are 'Observations' different from 'Seeing' in qualitative research ? Explain with suitable examples. 20
6. Explain in detail, the difference between Supervised and Unsupervised Classification of images. 20
7. Write short notes on any **two** of the following : 2×10=20
- (a) Graphical Presentation of Frequency Distribution
 - (b) Gini Coefficient for Measurement of Inequality
 - (c) Scatter Plot
 - (d) Methods of Data Standardisation
8. Write short notes on any **two** of the following : 2×10=20
- (a) Use of Focused Group as a Tool in Geographical Research
 - (b) CAQDAS
 - (c) Oral History and Human Geography
 - (d) Principles of Differential Global Positioning System (DGPS)