

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

**Term-End Examination
December, 2024**

RGG-102 : RESEARCH TECHNIQUES

Time : 3 Hours

Maximum Marks : 100

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

1. Discuss in detail epistemological basis of quantitative methods in Geography, highlighting its role, purpose and scope. 20
2. What are universe and sample ? Describe any *four* factors to be taken into consideration while selecting types of sampling. Explain any *two* types of probability sampling with examples. 20
3. Describe any *two* measures of inequality and their applications in geographical research. 20

4. Describe major challenges associated with Participatory Action Research (PAR) in Geography. Explain various strategies to manage these challenges. 20
5. What is Focus Group Discussion (FGD) ? Discuss in detail the importance, procedures and limitations of FGD. 20
6. Explain the basic elements of Visual Image Interpretation in Remote Sensing. 20
7. Write short notes on any *two* of the following :

2×10=20

- (a) Graphical presentation of mean and median
- (b) Absolute measures of dispersion
- (c) Importance of Remote Sensing Technology in Geographical Research
- (d) Ethnography in geographical research

8. Write short notes on any *two* of the following :

2×10=20

- (a) Scatter plot
- (b) Methods of data standardisation
- (c) Purpose coding
- (d) *Four* types of resolutions in Remote Sensing

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