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3 (Sem-6/CBCS) GGY HC 2

2023

**GEOGRAPHY**

(Honours Core)

Paper : GGY-HC-6026

**(Research Methods in Geography and  
Project Work)**

Full Marks : 60

Time : Three hours

**The figures in the margin indicate  
full marks for the questions.**

1. Choose the correct answer from the following: 1×7=7

(i) The symbol ' $h_1$ ' stands for

(a) Alternative hypothesis

(b) Descriptive hypothesis

(c) Null hypothesis

(d) None of the above

Contd.

- (ii) Review of literature means
- (a) documentation of referenced material
  - (b) overview of the previously published works on specific topic
  - (c) formation of a theoretical framework
  - (d) None of the above
- (iii) Which of the following is known as 'blue print' of a research ?
- (a) Research design
  - (b) Research question
  - (c) Formulation of research problem
  - (d) All of the above

(iv) The method of selecting a few individuals from a large group to serve as the foundation for estimating the prevalence of an unknown knowledge/ problem in the large group is known as

- (a) Central Tendency
- (b) Dispersion
- (c) Sampling
- (d) All of the above

(v) Which activity that produces an official count of country's population at regular intervals ?

- (a) Sample survey
- (b) Census
- (c) Survey
- (d) None of the above

- (vi) In the statistical analysis, SPSS stands for
- (a) Statistical Practices for Social Sciences
  - (b) Solving Package for Social Sciences
  - (c) Statistical Packages for the Social Sciences
  - (d) None of the above
- (vii) In the referencing system, APA stands for
- (a) American Philosophy Association
  - (b) American Psychological Association
  - (c) Assam Physics Association
  - (d) None of the above

2. Answer the following : 2×4=8

- (i) What is research ?
- (ii) What is an 'abstract' of a research work ?
- (iii) What is a null hypothesis ?
- (iv) What is a bibliography ?

3. Answer **any three** questions from the following : 5×3=15

- (i) 'Primary data is very essential in geographical research.' Examine the statement.
- (ii) Discuss the differences between qualitative and quantitative research methods.
- (iii) Discuss the importance of database and methodology for quality research in geography.



- (iv) Mention few techniques of data collection in human geography.
- (v) Discuss the structure of a research report with suitable examples.
4. Answer **any three** questions from the following :  $10 \times 3 = 30$
- (i) Discuss the meaning and significance of research. What is research ethics ?  $5 + 5 = 10$
- (ii) Discuss the 'review of literature and its need' in geographical research. How does it help in research ?  $6 + 4 = 10$
- (iii) What is research design ? Write the characteristics of a research design. What are the elements of a research design ?  $2 + 4 + 4 = 10$
- (iv) Define qualitative and quantitative data and discuss their importance in geographical research.  $2 + 2 + 6 = 10$

- (v) Discuss the advantage and limitation of quantitative data analysis in human geographic research.  $6+4=10$
- (vi) What is sampling ? Discuss the different methods of sampling. Why sample survey is necessary in geographical research ?  $2+4+4=10$
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