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**3 (Sem-6/CBCS) GGY HC 2**

**2022**

**GEOGRAPHY**

(Honours)

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 : **(any seven)**  $1 \times 7 = 7$

(i) Data collected from Census Handbook is considered as —

- (a) Primary data
- (b) Tertiary data
- (c) Secondary data
- (d) None of the above

Contd.

(ii) In research proposal writing, which sub-heading comes first

- (a) Study area
- (b) Statement of the problem
- (c) Database
- (d) Methodology

(iii) The symbol ' $h_0$ ' stands for

- (a) Alternative hypothesis
- (b) Descriptive hypothesis
- (c) Null hypothesis
- (d) None of the above

(iv) In the referencing system, APA stands for

- (a) Assam Philosophy Association
- (b) American Psychological Association
- (c) Assam Physics Association
- (d) None of the above

(v) When the researcher collect data directly from the study area it is considered as

- (a) Research data
- (b) Primary data
- (c) Tertiary data
- (d) None of the above

(vi) A method of sampling that involves the division of population into smaller sub-groups is known as

- (a) Areal random sampling
- (b) Random sampling
- (c) Stratified random sampling
- (d) None of the above

(vii) The survey where the researcher sends out a questionnaire to a smaller sample size compared to the actual target audience is known as

- (a) Field survey
- (b) Online survey
- (c) Pilot survey
- (d) None of the above



(viii) Out of the following softwares which cannot be used for statistical data analysis

- (a) MS-Excel
- (b) SPSS
- (c) MS-Word
- (d) None of the above

(ix) In a research report, bibliography is written

- (a) In the beginning of the report
- (b) In the middle part of the report
- (c) In the last part of the report
- (d) None of the above

(x) 'A specific inquiry which the researcher seeks to find out in the course of investigation' is known as

- (a) Research question
- (b) Objective
- (c) Questionnaire
- (d) None of the above

2. Answer **any four** questions from the following in very short :  $2 \times 4 = 8$

- (i) What is an 'abstract' of a research work ?
- (ii) Why key words are used in research paper ?
- (iii) What is data ?
- (iv) What is research ?
- (v) What is a hypothesis ?
- (vi) What is plagiarism ?
- (vii) What is a citation ?
- (viii) Mention **any two** types of non-probability sampling.

3. Answer **any three** questions from the following :  $5 \times 3 = 15$

- (i) Mention the differences between research method and research methodology.
- (ii) Write the importance of primary data in geographical research.
- (iii) Discuss the procedure of formulation of a research problem.



- (iv) Write a brief note on summarization of data for geographical research.
- (v) Mention few techniques of data collection in physical geography.
- (vi) Discuss the importance of chart, table and figure in geographical research.
- (vii) Elucidate the difference between 'reference' and 'bibliography'.
- (viii) Explain the need of an executive summary in research work.

4. Answer **any three** questions from the following :  $10 \times 3 = 30$

- (i) Discuss the meaning and significance of research. What are the different types of research ?  $6 + 4 = 10$
- (ii) Differentiate between research and geographic research. Discuss the importance of research methodology in geography.  $4 + 6 = 10$
- (iii) Discuss the importance of 'review of literature' in geographical research.

- (iv) What is research design ? Write the characteristics of research design ? What are the elements of a research design ?  $2 + 6 + 2 = 10$
- (v) Define qualitative and quantitative data and discuss their importance in geographical research.
- (vi) Discuss the structure of a research report with a suitable example.
- (vii) Elaborate the procedure of primary data collection in human geographical research.
- (viii) Discuss few tools and techniques of data representation in geographical research.