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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)** 1×7=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 : 10×3=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.
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