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63/2 (SEM-3) GGY 303

2022

(Held in 2023)

GEOGRAPHY

(Theory Paper)

Paper Code : GGY 303

(Research Methodology)

Full Marks – 80

Pass Marks – 32

Time – Three hours

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

Multiple choice type Questions :

1. Choose the correct answers :

1×6=6

(a) A questionnaire is a

(i) Method of data collection

(ii) Tool of data collection

(iii) The technique of data collection

(iv) Design of data collection

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(b) The process of 'cleaning' raw data is known as

- (i) Manipulation (ii) Filtering
- (iii) Editing (iv) Recording

(c) In random sampling, the probability of selecting each element in the population is

- (i) Same
- (ii) Unequal
- (iii) Half of the total population
- (iv) One-third of the total population

(d) Which one of the following statements is true in the testing of hypotheses ?

- (i) It is only the alternative hypotheses that can be tested
- (ii) It is only the null hypotheses that can be tested
- (iii) Both the alternative and the null hypotheses can be tested
- (iv) Both the alternative and the null hypotheses can not be tested

(e) What does the longitudinal research approach deal with ?

- (i) Long-term research
- (ii) Short-term research
- (iii) Horizontal research
- (iv) None of the above

(f) Which one is called non-probability sampling ?

- (i) Quota sampling
- (ii) Cluster sampling
- (iii) Systematic sampling
- (iv) Stratified random sampling.

2. Very short answer type questions on any *five* :

2×5=10

- (a) Define research.
- (b) Give two examples of nominal scale variables.
- (c) Name two probabilistic sampling methods.

- (d) Name any two methods of data collection.
(e) What is the purpose of doing research?

3. Short answer type questions on any *six*:

5×6=30

- (a) What are the advantages of using a questionnaire in research?
(b) What is sampling and why is it necessary in research?
(c) Describe what random sampling is.
(d) Explain the essential features of good research.
(e) How do research objectives enable scientific research?
(f) Distinguish between the Inductive and Deductive approaches in geographic research.
(g) How the research problem is formulated?
(h) What is the importance of methodology in research?
(i) Explain the need for research in geographical studies.

4. Answer in brief on any *two*: 10×2=20

- (a) Write a detailed note on plagiarism.
(b) Elucidate the scale of measurement in research with suitable examples.
(c) What is a hypothesis of study? Explain its types with examples.

5. Answer in brief on any *one*: 14×1=14

- (a) Provide a detailed structure of a dissertation.
(b) Illustrate the process for scientific research design and elucidate the steps.