Total number of printed pages–3

3 (Sem–6/CBCS) GGY HC 2



2025

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. Answer the following very short questions : 1×7=7

   (a) What is a null hypothesis ?

   (b) Define research.

   (c) What is a bibliography ?

   (d) Define sampling in research.

   (e) What is human geographic data ?

   (f) What is interval data ?

(g) What is pilot survey ?

2. Answer the following in brief : 2×4=8

(a) What do you mean by research problem ?

(b) What are the methods of primary data collection ?

(c) Write *two* differences between qualitative and quantitative research methods.

(d) What is research ethics ?

3. Answer the following in short : ***(any three)*** 5×3=15

(a) Discuss the meaning and significance of research.

(b) What do you mean by review of literature ? Write its importance in research. 2+3=5

(c) Explain the importance of database and methodology in research design.

(d) Explain the concept of sample survey in research.

(e) Differentiate between census survey and sampling survey.

4. Answer the following : ***(any three)*** 10×3=30

(a) What is research design ? Discuss the elements of a research design. 2+8=10

(b) Define Hypothesis. Explain the characteristics of null hypothesis and alternative hypothesis in research. 2+8=10

(c) Discuss the main types and sources of data in geographic research with examples.

(d) Elaborate the meaning and characteristics of Geographic research with examples from North-East India.

(e) Formulate a Research Topic on any geographical issue of North-East India and also highlight the chosen topic through a brief statement of the research problem, objectives, database, methodology and significance of the study.

(f) Discuss the advantage and limitation of quantitative data analysis in geographic research. 6+4=10
