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3 (Sem–5 / CBCS) GGY HC 2

2023

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GEOGRAPHY

(Honours Core)

Paper : GGY–HC–5026

(Field Techniques in Geography)

Full Marks : 60

Time : Three hours

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

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

   (a) What is questionnaire?

   (b) What is census survey?

   (c) Mention a major environmental problem of an urban area.

   (d) What is magnetic meridian?

Contd.

(e) What minimum number of satellites are rquired to calculate a precise GPS position ?

(f) What is the Whole Circle Bearing of S 25W ?

(g) What is the full form of GNSS ?

2. Give very short answer to the following questions : 2×4=8

(a) What are the sources of secondary data for a socio-economic study ?

(b) What is surveying ?

(c) How field photography contributes to data collection in Geography ?

(d) What is meant by closing error in a closed traverse ?

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

(a) Why is geography considered a field-oriented science ?

(b) Distinguish between questionnaire and survey schedule.

(c) Define a bearing of a line. What are its different types ? Give examples.

(d) What is transect survey ? Mention the importance of transect survey in topographical mapping.

(e) With necessary illustrations distinguish between plane surveying and geodetic surveying.

4. Discuss the nature of field studies in physical geography. 10

Or

Discuss the advantage of modern survey equipments in physical geographic data collection.

5. State how a socio-economic survey is done in the field. Illustrate your answer with suitable examples. 10

Or

What is focus group interview and how it is conducted ?

6. With necessary illustrations describe the principle and procedure of traverse surveying using prismatic compass. 10

Or

What is case study ? Discuss its selection process and necessity in the light of the analysis of any local environmental issues.