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3 (Sem-5/CBCS) GGY HC 2

2024

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 : $1 \times 7 = 7$
 - (a) Give an example of economic character of rural area.
 - (b) Mention the tool which is used for collection of demographic and socio-economic data.
 - (c) Give an example of physical geographic phenomenon.
 - (d) What is surveying ?

Contd.

- (e) What is meant by the term "Bearing" in surveying ?
- (f) In which surveying shape of the earth is taken into consideration ?
- (g) What is the full form of PRA ?
2. Give very short answers to the following questions : $2 \times 4 = 8$
- (a) Define Levelling.
- (b) Mention the role of GPS device in geographical studies.
- (c) What is meant by focus group interview ?
- (d) What is case study in geography ?
3. Answer **any three** of the following questions : $5 \times 3 = 15$
- (a) Define forward and backward bearing of a line. Following are the observed forward bearing of the lines. Find out backward bearings :
- (i) $AB \ 38^\circ \ 14'$
- (ii) $BC \ 208^\circ \ 37'$
- $2 + 3 = 5$

- (b) How is graphical adjustment of a closing error done in a closed traverse ?
5
- (c) Explain with example how field visit enhances geographical knowledge. 5
- (d) What do you meant by Survey questionnaire ? Write the characteristics of a good questionnaire.
 $1 + 4 = 5$
- (e) Distinguish between transect and quadrant survey. 5
4. Answer the following questions : (**any three**)
 $10 \times 3 = 30$
- (a) Discuss the nature and importance of field study in human geography.
 $5 + 5 = 10$
- (b) Discuss the significance of fieldwork in geography. Elaborate how fieldwork helps to understand geographical phenomena of an area. $3 + 7 = 10$
- (c) Prepare a household survey questionnaire for studying human health status of a village.

- (d) What is Dumpy level ? Explain the principles and procedure of profile levelling with Dumpy level. 2+8=10
- (e) Explain the concept of participant observation. State the advantages and limitations of using participant observation in field studies. 3+7=10
- (f) Define a field report. Write in detail the steps to be followed while preparing a field report of any geographical study. 2+8=10
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