MAY 2025 **P/ID 4446/PGEE4**

Time : Three hours Maximum : 80 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions in 50 words each.

1. What is the importance of ethics in fieldwork?

2. Define a research question in the context of fieldwork.

3. What is a hypothesis?

4. Name two important tools used in physical surveys.

5. Give an example of a topic suitable for an urban survey.

6. What is the main objective of a Focused Group Discussion?

7. Mention two demerits of using geospatial technology in data collection.

8. What is a thematic map?

9. Define remote sensing in the context of spatial data analysis.

10. Define the term "methodology" in a field report.

11. Name two key components of a field report.

12. Define "reference list" in academic writing.

PART B — (5 × 6 = 30 marks)

Answer any FIVE questions in 250 words each.

13. Discuss the importance of setting clear research objectives in a study.

14. Describe different types of hypotheses and their role in research.

15. Discuss the key steps involved in identifying a research topic.

16. Explain the importance of selecting an appropriate field technique.

17. Explain the role of statistical techniques in spatial analysis.

18. How do spatial analysis techniques contribute to decision-making in urban planning?

19. Explain the key elements of a well-structured field report.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions in
500 words each.

20. Critically examine the challenges and best practices in conducting fieldwork research.

21. Discuss the importance of physical surveys in environmental research with suitable examples.

22. Analyze the effectiveness of spatial sampling methods in data collection and their applications.

23. Analyze the role of GIS and remote sensing in modern spatial data analysis.

24. Analyze the different techniques used for data interpretation and their impact on research findings.

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