বিদ্যাসাগর বিশ্ববিদ্যালয়
VIDYASAGAR UNIVERSITY

Question Paper

B.Sc. Honours Examinations 2022
(Under CBCS Pattern)
Semester - IV
Subject: GEOGRAPHY
Paper: SEC-2 T

Full Marks : 40
Time : 2 Hours

Candidates are required to give their answers in their own words as far as practicable.
The figures in the margin indicate full marks.

(Research Methods)

Group - A

Answer any *four* from the following questions. 5×4=20

1. Write the significance of literature review in geographical research.

2. What is referencing? How does it differ from bibliography?

3. What do you mean by Hypothesis? Why hypothesis building is necessary in geographical research?

4. Mention the graphical techniques of geographical data representation with examples.

5. Write the significance of abstract and keywords in a research paper.

6. Mention different sources of geographical data.

Group - B

Answer any *two* from the following questions. 10×2=20

7. Narrate the methods of primary data collection with suitable examples.

8. Briefly discuss the ethical principles involved in geographical research.

9. Elaborate standard structure of a research report with examples.

10. Explain the various techniques of quantitative data analysis in geography with examples.

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OR

(Advanced Spatial Statistical Techniques)

Group - A

Answer any *four* from the following questions. 5×4=20

1. Distinguish between descriptive and inferential statistics.

2. Compare random sampling with non-random sampling.

3. Describe the term "Probability Distribution". How does the Binomial Distribution differ from the Poissons Distribution?

4. Differentiate parameters from statistics.

5. Write the importance of Time Series analysis in geographical study.

6. Write the fundamental principles of least square method for addressing regression problem.

Group - B

Answer any *two* from the following questions. 10×2=20

7. Write short note on multi-variate analysis and its importance in geographic studies.

8. Define normal probability distribution. Explain the properties of a Standard Normal Curve with proper illustration.

9. Briefly describe the principles of selecting suitable methods of probability sampling based on the nature of the population.

10. Explain different types of correlation with suitable examples.

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