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25-GO-41

**M.Sc. IV SEMESTER [MAIN/ATKT] EXAMINATION
MAY - JUNE 2025**

GEOGRAPHY

Paper - I

[Research Methodology in Geography]

[Max. Marks : 75]

[Time : 3:00 Hrs.]

[Min. Marks : 26]

Note : Candidate should write his/her Roll Number at the prescribed space on the question paper.
Student should not write anything on question paper.
Attempt all five questions. Each question carries an internal choice.
Each question carries **15 marks**.

Q. 1 Analyze the approaches of geographical research.

OR

Exemplify the stages of research in Geography.

Q. 2 Elaborate the method of literature review.

OR

Differentiate between bibliography and reference. Explain any one style of referencing with example.

Q. 3 Explain the methods of data collection. Which is the most appropriate method according to you and why ?

OR

Write notes on **any two** of the following with illustrations -

- i) Topographical sheets.
- ii) Spatial and non - spatial data.
- iii) Primary and secondary source data.

Q. 4 What is meant by Correlation ? Demonstrate various methods of computing coefficient of correlation.

OR

P.T.O.

Calculate mean deviation and quartile deviation for the following data -

Size of coal mines in a coal field

No. of Persons employed	No. of Units
0-100	30
100-200	45
200-300	50
300-400	120
400-500	100
500-600	112
600-700	80

Q. 5 What is meant by Sampling Design ? Why probability sampling is generally preferred in comparison to non - probability sampling ?

OR

Write notes on the following -

- i) Standard error and its testing.
- ii) Tabulation of data.

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