MAY 2025 **U/ID 31634/URH2A**

Time : Three hours Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions in 30 words each.

1. What is meant by attribute data?

2. Define 'Statistical diagram'.

3. What is meant by tabulation of data?

4. What is percentile?

5. State the meaning of 'dispersion'.

6. What is meant by probability space?

7. What is meant by random variable?

8. What is 'moment' in statistics?

9. Write a short note on frequency table.

10. State the statistical methods which are used fro showing distributions.

11. Write a short note on 'Sampling error'.

12. What is meant by simple random sampling?

PART B — (5 × 5 = 25 marks)

Answer any FIVE questions in 200 words each.

13. Analyse the scope of statistical methods in geography.

14. Describe the different components of a statistical table.

15. Explain the utility of skewness in showing the distributions.

16. Give an account on graphical determination of percentiles.

17. Explain the mathematical expectation of a random variable.

18. Explain the method of describing the result by a regression line.

19. Differentiate sampling and non-sampling errors.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions in 500 words each.

20. Give an account on application of statistical methods in geographical studies.

21. Explain the different statistical methods associated with measures of location.

22. Analyse the moments of random variables.

23. Bring out the name and applications of binomial distributions.

24. Explain the procedure of selection of samples by Systematic and stratified methods of sampling.

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