MAY 2024 **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 statistical data?

2. Write a short note on bar diagram.

3. Define 'mean'.

4. State the meaning of probability in statistics.

5. Give an example for a discrete random variable.

6. Define 'random variable'.

7. State the meaning of moments in statistics.

8. What is a scatter diagram?

9. State the utility of correlation analysis.

10. Write a short note on 'Spearman'

11. What is meant by probability sampling?

12. Write a short note on 'non-sampling error'.

PART B — ($5 \times 5 = 25$ marks)

Answer any FIVE questions in 200 words each.

13. Bring out the procedure of the construction of a pie diagram.

14. Write about pictograms and their advantages in geographic studies.

15. What is quartile deviation? Give its application.

16. What is binominal distribution? list out its properties.

17. Give an account on the nature and the use of regression statistics.

18. Discuss the demerits of a sampling study.

19. Write about the different methods of simple random sampling.

PART C — ($3 \times 10 = 30$ marks)

Answer any THREE questions in 500 words each.

20. Give an detailed account on the applications and limitations of various statistical methods in geographic studies.

21. Analyse the different statistical measures of location.

22. Write about different types of moments in statistics.

23. Differentiate the correlation and regression statistical analysis.

24. Discuss the nature of different types of random sampling.

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