DECEMBER 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. Define 'statistics'.

2. What is spatial data?

3. Define 'Graph'.

4. Give formula for the computation of quartile deviation.

5. Define 'mean'.

6. What is meant by variable?

7. What is meant by centrographic measures?

8. State the meaning of 'moment' in statistics.

9. State the use of scatter diagram.

10. What is 'the line of best fit' in regression?

11. State the meaning of census method of study.

12. Write a short note on random number table.

PART B — ($5 \times 5 = 25$ marks)

Answer any FIVE questions in 200 words each.

13. Bring out the characteristics of statistical tables.

14. Bring out the limitations of statistical methods.

15. Examine the applications of quartiles.

16. Explain the different categories of kurtosis.

17. Explain the types of random variable with examples.

18. Bring out the characteristics of binomial distribution.

19. Narrate the procedure of the selection of samples by simple random method.

PART C — ($3 \times 10 = 30$ marks)

Answer any THREE questions in 500 words each.

20. Write about the representation of geographical data by line, bar and pie diagrams.

21. Explain in detail the different types of Skewness with an example.

22. Analyse the moments of random variables.

23. Bring out the characteristics and applications of Poisson distributions.

24. Discuss in detail the merits and demerits of sampling methods of study.

———————