

Regd.No. _____

(STA N 4306-2)
B.Sc (MSCS, DSCS) Degree (CBCS) Examinations, JULY -2022
IV SEMESTER
APPLIED STATISTICS

TIME :3.00 Hours

Maximum : 60 Marks

SECTION-A

I. Answer any **FIVE** from the following questions

5X4=20M

1. Explain irregular variations in time Series.
2. Explain the method of semi averages to measure trend.
3. Explain Method Of simple averages.
4. Explain Deseasonalization.
5. Explain Detrending .
6. Write a shoert note on logistic curve.
7. Write the uses of index numbers ,
8. Explain the methods of constructing CLI.
9. Explain Growth rate.
10. Uses of vital statistics.

SECTION -B

II. Answer **ALL** the following questions

5 X8=40M

11. (a. Explain the method of least squares to measure trend.

(OR)

(b) Explain components of time series.

12. (a) Explain the method of linl relatives.

(OR)

(b) Explain the method of ration to trend to measure seasonal variations.

13. (a) Explain the method of three selected points to fit Gompert'z curve.

(OR)

(b) write a short notes on logistic curve.

14.(a) Explain the construction of index number.

(OR)

(b) Explain TRT&FRT with Examples.

15.(a) Explain various measures of fertility.

(OR)

(b) Write a short note on fertility& mortality and its uses.

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