



K25U 2607

Reg. No. :

Name :

V Semester B.A./B.A. Afsal-UI-Ulama/B.Sc./B.Com./B.T.T.M./B.B.A./
B.B.A.-T.T.M./B.B.A.-A.H./B.C.A./B.S.W./B.M.C. Degree (CBCSS – OBE –
Regular/Supplementary/Improvement) Examination, November 2025
(2019 to 2023 Admissions)
GENERIC ELECTIVE COURSE
5D01STA : Basics of Statistics

Time : 2 Hours

Max. Marks : 20

PART – A

Answer **all 6** questions.

(6×1=6)

1. State one field in which statistical techniques are widely applied.
2. Define primary data.
3. What is meant by tabulation ?
4. Find the arithmetic mean of 6, 8, 10, 12, 14.
5. Define range.
6. A graphical representation of frequency distribution is called

PART – B

Answer **any 4** questions.

(4×2=8)

7. What are the advantages of sampling ?
8. Distinguish between discrete and continuous data.
9. Find geometric mean of 5 and 20.
10. Define coefficient of variation.
11. Define classification and give its different types.
12. Define mode. Find the mode of the following data : 3, 5, 3, 7, 3, 6, 5.

P.T.O.

K25U 2607

PART – C

Answer **any 1** question.

(1×6=6)

13. The following table shows the annual production (in tonnes) of different crops in a village. Construct a bar diagram to represent the data.

Crop	Rice	Wheat	Maize	Sugarcane	Cotton
Production (tonnes)	120	90	60	150	80

14. Find mean, median and mode for the following data :

Class	0 – 10	10 – 20	20 – 30	30 – 40	40 – 50	50 – 60
Frequency	6	10	15	20	12	7