



K23U 2575

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.M.C. Degree (CBCSS – OBE –
Regular/Supplementary/Improvement) Examination, November 2023
(2019-2021 Admissions)
Generic Elective Course
5D01 STA : BASICS OF STATISTICS

Time : 2 Hours

Max. Marks : 20

PART – A

(Answer **all** questions. **Each** carries 1 mark.)

(6×1=6)

1. The word “Statistics” in plural sense refers to _____.
2. If an experiment is conducted to know the effect of a drug on the patients, the observations taken on each patient constitute the _____ data.
3. Name the type of classification in which the data are arranged according to attributes.
4. Which type of average is most suitable for the normal size of shirts for a readymade garment’s manufacturer ?
5. _____ is the average of the squares of the deviations taken from mean.
6. Give the formula for coefficient of variation.

PART – B

(Answer **any 4** questions. **Each** carries 2 marks.)

(4×2=8)

7. Define statistics in the singular sense.
8. Define a population and a sample.
9. What is meant by tabulation of data ?

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10. What are the characteristics of a good average ?

11. Compute the median of the following data :

48, 35, 36, 40, 42, 54, 58, 60.

12. Define variance.

PART – C

(Answer **any 1** question which carries **6** marks.)

(1×6=6)

13. The regional rainfall indices during the year 2016 to 2018 are given below :

Year	Zone		
	East	West	Centre
2016	84	78	87
2017	104	76	77
2018	108	121	90

Represent the data by a multiple bar diagram.

14. The following data give the distribution of weight of boys and girls in a class :

	Boys	Girls
Number	100	50
Mean weight (in Kg)	60	45
Variance	9	4

Find the standard deviation of the combined data.