



K21U 6817

Reg. No. :

Name :

I Semester B.Sc. Degree (CBCSS – OBE – Regular/Supplementary/
Improvement) Examination, November 2021
(2019 Admission Onwards)

Complementary Elective Course in Statistics (for Mathematics/
Computer Science)

1C01STA : BASIC STATISTICS

Time : 3 Hours

Max. Marks : 40

Instruction : Use of calculators and statistical tables are permitted.

PART – A
(Short Answer)

Answer **all** questions :

(6×1=6)

1. Give any two sources of secondary data.
2. Obtain the variance of first n natural numbers.
3. Give any two measures of skewness.
4. Define coefficient of quartile deviation.
5. Write the normal equation for the straight line $y = a + bx$.
6. Define rank correlation.

PART – B
(Short Essay)

Answer **any 6** questions :

(6×2=12)

7. Distinguish between census and sample survey method.
8. What are the two methods of sampling ?
9. What are the desirable properties of a good average ?
10. Obtain the HM of 2, 4, 8, 16 and 32.
11. Differentiate between absolute and relative measures of dispersion.
12. Define multiple correlation.
13. Define regression coefficients. How they are related to correlation coefficient ?
14. Define the terms 'base year' and 'current year'.

P.T.O.