

Faculty of Science
B.Sc III –Year, CBCS-VI Semester Backlog Examinations –January, 2021
GENERIC ELECTIVE
PAPER: BASIC STATISTICS- 2

Time: 1 Hour 30 Min

Max. Marks: 40

I. Answer any TWO of the following. (2x20=40 Marks)

1. Define Binomial distribution and find its mean and variance.
2. Define Normal distribution and state its properties
3. Obtain the normal equations for fitting of straight line of the form $Y = a + bX$.
4. Explain Unbiasedness, Consistency, Efficiency and sufficiency with examples.
