

B.Sc.-M.Sc. Integrated Program
Semester-I Examination, 2021
Paper Title: Basics of Computer Science and Statistics (Tutorial)
Paper Code: BCH-CC-01-TU
Section: STATISTICS-TU

Time: 45 min

Max Marks: 18

Attempt all questions. Use only A4 sheets. All parts of a question must be attempted in continuation. Start answer of a fresh question on a new page. Cite examples and draw labelled diagrams wherever necessary.

(6 X 3=18)

Q.1. State whether **TRUE** or **FALSE** for the following

- A. The curve obtained by plotting cumulative frequencies is called an Ogive.
- B. If two events A and B are dependent, the probability that they will both occur is equal to the product of their individual probabilities
- C. If χ^2 is zero it means that the observed and expected frequencies completely coincide.
- D. A sample enquiry is that in which all the items consisting the population are studied and conclusions are drawn there from.
- E. In a Histogram, the class intervals are plotted along the vertical axis.
- F. A measure of variation is one that measures the extent to which there are differences between individual observation and some central value.
