

Dr. Amit Srivastava.

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -2 EXAMINATION - OCTOBER 2019

B.Tech. VII Semester (All Branches)

COURSE CODE: 17B1WHS733

MAX. MARKS:25

COURSE NAME: BUSINESS ANALYTICS

COURSE CREDITS: 3

MAX. TIME: 1 Hr 30 mins

*Note: All questions are compulsory. Carrying of mobile phone during examinations will be treated as case of unfair means.*

*The question paper is divided into two sections. Section A is compulsory for all. In section B, different data files are to be used for Odd and Even roll number students. The file name for Odd and Even roll numbered students are T2 – ODD.xlsx and T2 – EVEN.xlsx respectively.*

*There are four active sheets for four different questions. Solve the questions in Excel and write the important steps and output in your answer sheet.*

**SECTION A**

1. Differentiate between: (CO1) (1.5x2=3)
  - a) Graphical Model and Spreadsheet Model
  - b) Business Analytics and Business Intelligence
2. A newly established software company wants to maintain the database of its employees. What are different kinds of variables used so that the company can capture maximum information about its employees? (CO3) (3)
3. "All symmetrical distributions are not necessarily normal distribution". Discuss. (CO2) (2)

**SECTION B**

4. As given in Sheet Q4 of the data file T2 – Odd or T2 – Even (CO3) (5)
5. As given in Sheet Q5 of the data file T2 – Odd or T2 – Even (CO5) (4)
6. As given in Sheet Q6 of the data file T2 – Odd or T2 – Even (CO4) (4)
7. As given in Sheet Q7 of the data file T2 – Odd or T2 – Even (CO4) (4)