

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -3 EXAMINATION - 2023

B.Tech-VI Semester (All Branches)

COURSE CODE(CREDITS): 18B1WHS632

MAX. MARKS: 35

COURSE NAME: BUSINESS ANALYTICS

COURSE INSTRUCTORS: Dr. Amit Srivastava

MAX. TIME: 2 Hours

Note: (a) All questions are compulsory.

(b) Marks are indicated against each question in square brackets.

(c) The candidate is allowed to make Suitable numeric assumptions wherever required for solving problems

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 T3 – ODD.xlsx and T3 – 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. "Knowledge of Business Analytics will help not only in improving the financials of a company but also the living standard of society". Discuss. [3] (CO1)
2. "In spite of some of the limitations, Monte-Carlo Simulation is still preferred in business decision making modeling". Discuss the statement with the help of real-life examples. Also discuss important advantages and limitations of the model. [4] (CO3)
3. "It is not necessary that the presence of an outlier will influence the result of an analysis". How far do you agree with the statement. Substantiate your answer with suitable business examples. [4] (CO2)

SECTION B

4. As given in the data file T3 – Odd or T3 – Even [6] (CO4)
5. As given in the data file T3 – Odd or T3 – Even [6] (CO5)
6. As given in the data file T3 – Odd or T3 – Even [6] (CO4)
7. As given in the data file T3 – Odd or T3 – Even [6] (CO5)