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JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -2 EXAMINATIONS-2022

B.Tech-VI Semester (All Branches)

COURSE CODE: 18B1WHS632

MAX. MARKS: 25

COURSE NAME: BUSINESS ANALYTICS

COURSE CREDITS: 3

MAX. TIME: 1 Hour 30 Min

Note: All questions are compulsory. Marks are indicated against each question in square brackets.

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. What are the different types of variables used in analytics? Briefly discuss their characteristics with suitable example. [3] (CO1)

2. "Although Mean, Median and Mode are a measure of central tendency but their suitability depends on the case where they are used". Discuss the statement with suitable example. [3] (CO2)

3. Compare and Contrast the important features of Correlation and Regression. [3] (CO1)

SECTION B

4. As given in Sheet Q4 of the data file T2 – Odd or T2 – Even [4] (CO3)

5. As given in Sheet Q5 of the data file T2 – Odd or T2 – Even [4] (CO5)

6. As given in Sheet Q6 of the data file T2 – Odd or T2 – Even [4] (CO4)

7. As given in Sheet Q7 of the data file T2 – Odd or T2 – Even [4] (CO4)