

**BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI
(END SEMESTER EXAMINATION)**

**CLASS: BBA
BRANCH: BBA**

**SEMESTER: III
SESSION: MO/2023**

SUBJECT: MT218 INTRODUCTION TO BUSINESS ANALYTICS

TIME: 3 Hours

FULL MARKS: 50

INSTRUCTIONS:

1. The question paper contains 5 questions each of 10 marks and total 50 marks.
 2. Attempt all questions.
 3. The missing data, if any, may be assumed suitably.
 4. Before attempting the question paper, be sure that you have got the correct question paper.
 5. Tables/Data hand book/Graph paper etc. to be supplied to the candidates in the examination hall.
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Q.1(a)	Discuss about Business Analytics and types of Business Analytics.	[5] 1	2
Q.1(b)	Demonstrate the importance of Business Analytics.	[5] 1	3
Q.2(a)	Analyze the important resources of Business Analytics.	[5] 2	4
Q.2(b)	Discuss about the alignment of resources to support Business Analytics within an Organization.	[5] 2	2
Q.3(a)	Evaluate the population mean, median, mode and population standard deviation of the following data set indicating the marks obtained by a student in an examination: 50, 85, 45, 60, 1, 85, 50, 85, 55	[5] 3,4	5
Q.3(b)	Outline the relevance of Data Visualization in Business Analytics.	[5] 3,4	4
Q.4(a)	Estimate the role of control flow statements in decision making and looping in Python Programming.	[5] 3,5	5
Q.4(b)	Discuss about Functions in Python Programming.	[5] 3,5	2
Q.5(a)	Compare and contrast between class and object in an Object Oriented Programming.	[5] 5	4
Q.5(b)	Analyze the necessity of Exceptions handling in Object Oriented Programming.	[5] 5	4

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