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

CLASS: MBA/PRE-PHD   SEMESTER : II
BRANCH: MBA   SESSION : SP/2023

SUBJECT: MT413 IT ENABLED BUSINESS INTELLIGENCE

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.

			CO	BL
Q.1(a)	Present reasons why spiral model is a risk driven software development process model.	[5]	CO- 1	BL -3
Q.1(b)	Examine the reasons V-model is considered as verification and validation model .	[5]	CO1	BL -4
Q.2(a)	Compare and contrast data mining and data warehousing concept.	[5]	CO -2	BL – 4
Q.2(b)	Illustrate the significance of business intelligence application in various industries .	[5]	CO -2	BL -2
Q.3(a)	Examine the characteristics of big data .	[5]	CO-3	BL -4
Q.3(b)	Demonstrate the architecture of Hadoop with suitable diagram.	[5]	CO-3& 4	BL -3
Q.4(a)	Examine the role of components of IoT. (5) CO-4&3	[5]	CO- 4&3	BL- 4
Q.4(b)	Demonstrate the role of IoT in making urban planning and infrastructure maintenance more efficient.	[5]	CO- 4	BL-3
Q.5(a)	Classify the types of Blockchain	[5]	CO-5	BL- 3
Q.5(b)	Illustrate the application of Blockchain in education industry (5)	[5]	CO-5	BL - 2

::::::27/04/2023::::::E