Reg No.:_____   Name:_____

APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

Fourth Semester MBA Degree Regular and Supplementary Examination May/June 2023

Course Code: 20MBA204

Course Name: Industry 4.0 and AI Applications for Business

Max. Marks: 60   Duration: 3 Hours

PART A

Answer all questions. Each question carries 2 marks   Marks

1	Interpret the term 'lean production' in the context of Industry 4.0	(2)
2	Bring out the meaning of the term 'innovation' with reference to Industry 4.0	(2)
3	Explain the term AI	(2)
4	What is natural language processing?	(2)
5	Examine 'Augmented reality'	(2)

PART B

Answer any 3 questions. Each question carries 10 marks

6	Analyse the components of Industry 4.0	(10)
7	Elaborate the prevailing cyber security issues in today's world.	(10)
8	Explain the predictive model to decision making.	(10)
9	Discuss the different types of machine learning.	(10)
10	Bring out the applications of IoT devices.	(10)

PART C

Compulsory question. This question carries 20 marks

11   "While AI is the broad science of mimicking human abilities, machine learning   (20)

is a specific subset of AI that trains a machine how to learn". Elucidate. (5)

Compare and contrast AI and Machine learning. (15)

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