Reg No.:_____   Name:_____

APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY
EIGHTH SEMESTER B.TECH DEGREE EXAMINATION, MAY 2019

Course Code: MR464
Course Name: Agile Manufacturing Systems

Max. Marks: 100   Duration: 3 Hours

PART A
Answer all questions, each carries 5 marks.
Marks

1	Interpret about the concept of agile manufacturing.	(5)
2	Write the importance of interdisciplinary design methodology.	(5)
3	Identify the nature of management required for implementing agile manufacturing practices.	(5)
4	Mention the role of technology in agile manufacturing.	(5)
5	List out the four concepts of agile manufacturing and give a brief description for each concept.	(5)
6	Write a short note on key elements of agile enterprise.	(5)
7	Elucidate in detail about knowledge driven enterprise.	(5)
8	Define benchmarking and give a brief description about the types of benchmarking in agile manufacturing.	(5)

PART B
Answer any three full questions, each carries 10 marks.

9	Compare agile manufacturing with lean manufacturing.	(10)
10	Explicate in detail about the 4 concepts of agile manufacturing.	(10)
11	Discuss about the post failures in manufacturing.	(10)
12	Identify the market forces driving the evolution of agility and agile manufacturing in business.	(10)
13	What are the various issues/problems in implementing the agile technologies? Clarify each issues.	(10)

PART C
Answer any two full questions, each carries 15 marks.

14	With a neat sketch, justify about the development of AMS.	(15)
15	Develop an idea about the design of framework of AMS.	(15)
16	Investigate about the future scope of agile manufacturing.	(15)
17	Give an overview of the problems faced by agile manufacturing in detail.	(15)

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