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		Eighth Semester B.E. Degree Examination, July/August 2022 Product Life Cycle Management	2
Tim	e ?	hrs. Max. Mar	·ks· 100
		ote: Answer any FIVE full questions, choosing ONE full question from each mod	
Module-1			
1	a.	Define Product Life Cycle Management. Discuss the Opportunities (any 4) of Proc	
	b.		(10 Marks) (10 Marks)
		OR	
2	a. b.		(10 Marks)
	U.		(10 Marks)
3	a.	List the benefits and objectives of a good Product Design.	(10 Marks)
	b.	What is Concurrent Engineering? List the advantages of Concurrent Engineering.	· /
		OR	
4	a. b.		(07 Marks) (13 Marks)
		Module-3	~ /
5	a.	What is New Product Development (NPD)? Discuss the need for NPD.	(10 Marks)
	b.	Explain the step involved in NPD.	(10 Marks)
6	a.	OR Explain the steps involved in structuring New Product Development.	(14 Marks)
Ū	b.		(06 Marks)
		Module-4	
7	a.	Discuss the meaning of Technological change with examples. Also mention its Society.	impact on (10 Marks)
	b.	Explain the following Technology Forecasting method :	``´´
		Brain Storming , Delphi technique and Scenario writing.	(10 Marks)
8	a	OR What is Technology Forecasting? Mention the reasons for Technology Forecasting	ŗ
			(08 Marks)
	b.		(12 Marks)
9	a.	What is Virtual Product Development? Mention the benefits of Virtual	1 Product
	1	Development.	(10 Marks)
	b.	Discuss the 3D, CAD system used for Virtual Product Development, also m benefits.	(10 Marks)
		OR	
10	a. b.		(10 Marks) (10 Marks)
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