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**SNS College of Technology, Coimbatore-35**  
(Autonomous)

**B.E/B.Tech- Internal Assessment -I**  
**Academic Year 2022-2023(Odd Semester)**

**Seventh Semester**

**Mechanical Engineering**

**19MEE404 – Product Life Cycle Management**

**Time: 1<sup>1/2</sup> Hours**

**Maximum Marks: 50**

**Answer All Questions**

**B**

**PART - A (5 x 2 = 10 Marks)**

			<b>CO</b>	<b>Blooms</b>
1.	Define PLM.		CO 1	Und
2.	List out the Components of PLM		CO 1	Rem
3.	Write the Application of PLM		CO 1	Ana
4.	List out the Threads of PLM		CO 2	Und
5.	What you mean ERP?		CO 2	Ana

**PART – B (2 x 13 = 26 Marks)**

			<b>CO</b>	<b>Blooms</b>	
6.	(a)	Illustrate the Elements of PLM with neat sketch	13	CO1	Rem
		(or)			
	(b)	Discuss the Emergence of PLM with examples	13	CO1	Und
7.	(a)	Compare the life cycle problems and product development problems with suitable examples	13	CO1	Ana
		(or)			
	(b)	Describe Product data management with neat sketch	13	CO2	Rem

<b>PART – C (1 x 14 = 14 Marks)</b>					
8.	(a)	Discuss the need and Significance of PLM with suitable examples	14	CO1	Und
		(or)			
	(b)	Explain the concept of Engineering Data Management (EDM) with suitable examples	14	CO2	Rem
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CO – Course Outcome, U- Understanding, R- Remembering, App-Apply, Ana-Analyze, E-Evaluate

Prepared by

Verified by

HoD/Mech (Academics)