9/12/2024 MECH. SEM-VIII C SCHEME PDD (DLOC-VI) QP CODE: 10070679

Time: 3 hours Total Marks: 80

2. Figures to the right indicate full marks

Note: 1. Assume suitable data if necessary

3. Question No. 1 is compulsory

	4. Solve any three out of the remaining five questions	
Q1.	Write short notes on following: (Any Four)	
A	Generic Product Development Process	05
В	Product Design	05
C	Product Development	05
D	Modern approaches to product Design and Development.	05
E	Advantages of Brainstorming	05
F	Product Architecture.	05
Q2.		
A	Explain Customer Satisfaction with suitable example.	05
В	Discuss Quality Function Deployment (QFD).	05
C	What is a House of Quality? Explain its with diagram in detail.	10
Q3,		
A B	What are the methods of creative thinking?	05
	Discuss Generation Concept.	05
C	Explain Pugh's Concept.	10
	S T W S T ST ST	
Q4. \triangle		
A	Explain Gorden Technique.	05
В	What is Industrial Design?	05
\mathbf{C}	Explain Design for Assembly in detail.	10
Q5. 🏑		
AS	Discuss Design for Environment	05
В	Describe Design for Serviceability.	05
C	What is mean by Human Factor in Design?	10
	S. L. B. B. L. B.	
Q 6.		
A	Write about User Friendly Design.	05
В	Explain Design for Manufacturing.	05
C	Discuss guidelines of Design for Robustness	10
