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National Institute of Technology Hamirpur

End Semester Examination

Max. Marks: 50

D. L. (Desig	m and Development (Open Elective)	Ivia. Iviar kot e e
Course Name : Product Desig	n and Development (Open Elective)	
Course Code : ME-371		
Instructions:	1 and anothen answer	

1. Clearly mention the question number against each answer

2. Answer in brief and to the point.

0.1	For a mobile phone, provide (a) FRs and DPs, and (b) Contradiction table.	10
Q.1. Q.2.	Provide and draw the functional and physical decomposition of a ball point pen having a spring arrangement.	10
Q.3.	The state where levels of a product" comes in to play while finalizing a product	
Q.4.	Boston Consulting Group's (BCG) Growth Share Matrix and	
0.5.	Explain Suh's two conceptually simple design axioms. With the help of Pugh's	10

Q.5. Explain Suh's two conceptually simple design axiometer view of wired and Bluetooth concept selection method evaluate any two concepts of wired and Bluetooth earphones.