

QUESTION BANK

UNIT-IV

Part–A(Short Answer Questions)				
S.No.	Question	BT	CO	PO
1	What is Group Technology (GT)?	L4	CO4	1,9
2	Define part family.	L4	CO4	1,9
3	What is the significance of Group Technology in manufacturing?	L4	CO4	1,9
4	List any two benefits of using Group Technology.	L4	CO4	1,9
5	What is cellular manufacturing?	L4	CO4	1,9
6	Define production flow analysis (PFA).	L4	CO4	1,9

Part–B(long Answer Questions)				
S.No.	Question	BT	CO	PO
7	Explain in detail the steps involved in implementing Group Technology in an organization.	L1	CO4	1,9
8	Discuss the role of classification and coding systems in Group Technology.	L1	CO4	1,9
9	Explain how cellular manufacturing improves productivity. Illustrate with a layout diagram.	L2	CO4	1,9
10	What are the types of classification and coding systems in GT? Describe any one in detail.	L2	CO4	1,9
11	Discuss how Group Technology helps in reducing throughput time and improving quality.	L2	CO4	1,9
12	Explain the methodology of Production Flow Analysis with an example matrix.	L2	CO4	1,9

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