

## QUESTION BANK

### UNIT-V

<b>Part–A(Short Answer Questions)</b>				
<b>S.No.</b>	<b>Question</b>	<b>BT</b>	<b>CO</b>	<b>PO</b>
1	What is a Flexible Manufacturing System (FMS)? Explain its components.	L4	CO5	1,9
2	Differentiate between FMS and traditional manufacturing systems.	L4	CO5	1,9
3	What are the types of FMS? Explain with examples.	L4	CO5	1,9
4	What are the objectives and advantages of FMS?	L4	CO5	1,9
5	Discuss the limitations of FMS in modern industrie	L4	CO5	1,9
6	What is the function of a central control computer in FMS?	L4	CO5	1,9

<b>Part–B(longAnswer Questions)</b>				
<b>S.No.</b>	<b>Question</b>	<b>BT</b>	<b>CO</b>	<b>PO</b>
7	Discuss the types of flexibility in manufacturing systems.	L1	CO5	1,9
8	What are the advantages and limitations of FMS?	L1	CO5	1,9
9	Explain the integration of CAD, CAM, and FMS.	L2	CO5	1,9
10	Describe the layout configurations used in FMS.	L2	CO5	1,9
11	How does FMS support Just-In-Time (JIT) manufacturing?	L2	CO5	1,9
12	Explain how a CNC machine is used within an FMS.	L3	CO5	1,9

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