

QUESTION BANK

UNIT-II

Unit-II		SHORT ANSWER QUESTIONS.		
1	What is the importance fiber compatibility?	CO2	L2	1,3,6,7
2	Difference between ceramic and non ceramic materials.	CO2	L3	1,3,6,7
3	Applications of carbon fibers	CO2	L3	1,3,6,7
4	Applications silicon carbide fibers	CO2	L3	1,3,6,7
5	List the properties of Kevlar fiber	CO2	L1	1,3,6,7
6	List the various types of thermoplastics	CO2	L1	1,3,6,7
7	What are the ceramic composites?	CO2	L1	1,3,6,7
8	Teflon is an addition polymer; It behaves like a thermosetting polymer. Give reasons.	CO2	L2	1,3,6,7
9	What are cermets? With examples	CO2	L1	1,3,6,7
10	What are the particulate composite?	CO2	L1	1,3,6,7
		LONG ANSWER QUESTIONS		
1	What is the purpose of reinforcements? Describe different types of reinforcements in composites.	CO2	L1	1,3,6,7
2	With the help of schematic diagram, explain the manufacturing process of glass fibers.	CO2	L1	1,3,6,7
3	Explain briefly about carbon fibres. Mention its properties and applications.	CO2	L3	1,3,6,7
4	Explain the production of boron fiber with neat sketch.	CO2	L3	1,3,6,7
5	List out different types of thermosets. Explain any two of them	CO2	L2	1,3,6,7
6	Write a short notes on cermets	CO2	L2	1,3,6,7
7	State merits and demerits of thermoplastics matrix composites over thermoset matrix composites	CO2	L3	1,3,6,7
8	List out different types thermoplastics. Explain any two of them	CO2	L2	1,3,6,7
9	Difference between particulate and flake composites. Discuss the properties of dispersion strengthened composites.	CO2	L3	1,3,6,7