

SECTION - B (35 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks (5 × 7 = 35)

Module No.	Question No.	Question	K Level	CO
1	11.a.	Illustrate the function of UPS with neat sketch.	K2	CO1
		(OR)		
	11.b.	Explain the principle of FAN regulator with diagrams.		
2	12.a.	Identify the types of resistance welding.	K3	CO2
		(OR)		
	12.b.	Develop a heat control circuit and explain.		
3	13.a.	Show and explain the pressure gauge manometer.	K3	CO3
		(OR)		
	13.b.	Construct an electromagnetic flow meter and explain it.		
4	14.a.	Write the function of strip tension controller.	K4	CO4
		(OR)		
	14.b.	Conclude the function of humidity controller and write its applications.		
5	15.a.	Compare the various types of PCBs.	K4	CO5
		(OR)		
	15.b.	List out the procedure for component mounting with examples.		

SECTION - C (30 Marks)

Answer ANY THREE questions

ALL questions carry EQUAL Marks (3 × 10 = 30)

Module No.	Question No.	Question	K Level	CO
1	16	Examine the function of cyclo converter with diagrams.	K4	CO1
2	17	Explain the Energy storage welding system with neat sketch.	K4	CO2
3	18	Explain the strain gauge method of displacement with diagrams.	K4	CO3
4	19	Conclude the humidity control in textile moistening process.	K4	CO4
5	20	Explain the etching process in detail.	K4	CO5

Z-Z-Z END