



P18ME43			Page No 2	
	UNIT - III	18		
3 a.	With a neat sketch, describe construction and working of LVDT.	9	L2	CO3
b.	with a neat sketch, explain principle and working of Johnson Mikrokator	9	L3	CO3
c.	Explain with a neat sketch Taylor-Hobson talysurf.	9	L2	CO3
	UNIT - IV	18		
4 a.	What is transducer? List the advantages of electrical transducers over mechanical transducers.	9	L2	CO4
b.	With a neat sketch, explain simple current sensitive circuit.	9	L2	CO4
c.	With a neat sketch, explain telemetry transmitting and receiving system.	9	L2	CO4
	UNIT - V	18		
5 a.	Write a note on Wheatstone bridge circuit with a circuit diagram.	9	L2	CO5
b.	Describe the Bridgeman gauge with neat sketch.	9	L2	CO5
c.	With a neat sketch, explain Pirani thermal conductivity gauges.	9	L2	CO5

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