

STUDY PLAN

Microprocessor and microcontroller		Electronic components and material		Digital Electronics	
Topic	Timing	Topic	Timing	Topic	Timing
Microprocessor and microcontroller-1	Recording-1	ECM-1	Recording-1	Orientation	Recording-1
Microprocessor and microcontroller-2	Recording-2	ECM-2	Recording-2	Introduction to Number systems	Recording-2
Microprocessor and microcontroller-3	Recording-3	ECM-3	Recording-3	Addition in different base	Recording-3
Microprocessor and microcontroller-4	Recording-4	ECM-4	Recording-4	Subtraction in Different Base	Recording-4
Microprocessor and microcontroller-5	Recording-5	ECM-5	Recording-5	Complements	Recording-5
Microprocessor and microcontroller-6	Recording-6	ECM-6	Recording-6	Interconversions part-1	Recording-6
Microprocessor and microcontroller-7	Recording-7	ECM-7	Recording-7	Interconversions part-2	Recording-7
Microprocessor and microcontroller-8	Recording-8	ECM-8	Recording-8	Binary Codes,BCD	Recording-8
Microprocessor and microcontroller-9	Recording-9	ECM-9	Recording-9	Excess-3 and Gray Codes	Recording-9
Microprocessor and microcontroller-10	Recording-10	ECM-10	Recording-10	Practice Questions	Recording-10
				Axioms and Operations	Recording-11
				Laws of Boolean Algebra	Recording-12
				SOP and POS representation part-1	Recording-13
				SOP and POS representation part-2	Recording-14
				Basic Gates	Recording-15
				Special Gates	Recording-16
				Universal Gates	Recording-17

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Topic	Timing	Topic	Timing	Topic	Timing
				Circuits of Gates	Recording-18
				Adders	Recording-19
				Subtractors	Recording-20
				Multiplexers part-1	Recording-21
				Multiplexers part-2	Recording-22
				Demultiplexers and Decoders	Recording-23
				Practice Questions	Recording-24
				Introduction to flip flops	Recording-25
				Different types of Flip flops	Recording-26
				Counters Basics	Recording-27
				Counters Basics	Recording-28
				Practice Questions	Recording-29
				A/D Convertors	Recording-30
				D/A Convertors	Recording-31
				Practice Questions	Recording-32
				Memories	Recording-33