CONTENTS

PAPER-I

1.	Electrical Engineering Materials (<i>i.e.</i> , Materials and Components)	1–39
	Objective ProblemsAnswers with Explanatory Notes	15 33
2.	Electronics Devices (i.e., Physical Electronics Devices and ICs)	1–79
	Objective Problems Answers with Explanatory Notes Miscellaneous Problems Answers with Explanatory Notes	
3.	Signals & Systems	1–112
	Objective ProblemsAnswers with Explanatory Notes	45 71
4.	Network & Systems (i.e., Network Theory)	1–88
	Objective Problems	
_	Answers with Explanatory Notes.	49
5.	Electromagnetics (<i>i.e.</i> , Electromagnetic Theory) Objective Problems : Level 1	1–56 24
	Answers with Explanatory Notes.	27
	Objective Problems : Level 2	
•	Answers with Explanatory Notes	44
6.	Measuring Instruments (<i>i.e.</i> , Electronic Measurements and Instrumentation) • Objective Problems	1–44 23
	Answers with Explanatory Notes.	36
7.	Power Electronics	1–51
	Objective Problems : Level 1	35
	Answers Objective Problems : Level 2	40 41
	Answers	51
	PAPER-II	
1.	Analog Circuits (i.e., Analog Electronic Circuits)	1–88
	Objective Problems. Analysis with Evalencian Nates	
_	Answers with Explanatory Notes	64
2.	Digital Circuits Objective Problems : Level 1	1–51
	Answers	34
	Objective Problems : Level 2	
	(i) Problems of Boolean Theorems and Logic Gates	35

	Answers with Explanatory Notes	37
	(ii) Problems on Combinational Logic Circuits	
	Answers with Explanatory Notes	43
	(iii) Problems on Sequential Circuits : Flip-Flop	
	Answers with Explanatory Notes.	47
	(iv) Problems on Counter	
	Answers with Explanatory Notes	
	(v) Problems on Register	50
	• Answers	
	(vi) Problems on Memory Organisation	
	Answers with Explanatory Notes	51
	3. Control Systems	1–79
	Objective Problems	26
	Answers with Explanatory Notes	50
4.	Communications	1–64
	Objective Problems : Level 1	29
	Answers with Explanatory Notes	32
	Objective Problems : Level 2	34
	Answers with Explanatory Notes	
	Objective Problems : Level 3	
	Answers with Explanatory Notes	52
5.	Microwave Engineering	1–31
	Objective Problems : Level 1	19
	Answers	26
	Objective Problems : Level 2	27
	Answers with Explanatory Notes	31
6.	Computer Engineering	1–16
7.	Microprocessor	1–56
	Objective Problems : Level 1	15
	Answers with Explanatory Notes	22
	Short Answer Type Questions	24
	Miscellaneous Problems on Digital Circuits & Microprocessor	25
	Answers with Explanatory Notes	. 41
8.	Dictionary of Electronics	1–16
♦	Model Practice Papers	1–48
	□ Practice Paper - I	3
	Answers with Hints	. 12
	□ Practice Paper - II	. 23
	Answers with Hints	32