
CONTENTS

1. Network & Systems	1–88
● Objective Problems.....	23
● Answers with Explanatory Notes.....	49
2. Electronics Devices	1–79
● Objective Problems.....	33
● Answers with Explanatory Notes.....	43
● Miscellaneous Problems.....	52
● Answers with Explanatory Notes.....	68
3. Analog Circuits	1–88
● Objective Problems.....	39
● Answers with Explanatory Notes.....	64
4. Digital Circuits	1–51
● Objective Problems : Level 1.....	30
● 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.....	41
● Answers with Explanatory Notes.....	43
(iii) Problems on Sequential Circuits : Flip-Flop.....	44
● Answers with Explanatory Notes.....	47
(iv) Problems on Counter.....	48
● Answers with Explanatory Notes.....	50
(v) Problems on Register.....	50
● Answers.....	51
(vi) Problems on Memory Organisation.....	51
● Answers with Explanatory Notes.....	51
5. 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
6. Signals & Systems	1–112
● Objective Problems.....	45
● Answers with Explanatory Notes.....	71

7. Control Systems	1–79
● Objective Problems.....	26
● Answers with Explanatory Notes.....	50
8. Communications	1–64
● Objective Problems : Level 1.....	29
● Answers with Explanatory Notes.....	32
● Objective Problems : Level 2.....	34
● Answers with Explanatory Notes.....	39
● Objective Problems : Level 3.....	41
● Answers with Explanatory Notes.....	52
9. Electromagnetics	1–56
● Objective Problems : Level 1.....	24
● Answers with Explanatory Notes.....	27
● Objective Problems : Level 2.....	28
● Answers with Explanatory Notes.....	44
10. Dictionary of Electronics	1–16
◆ Model Question Papers	1–92
□ Practice Paper - 1.....	3
● Answers with Hints.....	12
□ Practice Paper - 2.....	23
● Answers with Hints.....	32
□ Practice Paper - 3.....	49
● Answers with Hints.....	57
□ Practice Paper - 4.....	67
● Answers with Hints.....	78