
CONTENTS

1. Network & Systems	1–136
● Objective Problems on Switching.....	28
● Answers with Explanatory Notes.....	30
● Objective Problems : Level 1.....	34
● Answers with Explanatory Notes.....	62
● Objective Problems : Level 2.....	105
● Answers with Explanatory Notes.....	116
2. Electronics Devices	1–96
● Objective Problems.....	28
● Answers with Explanatory Notes.....	51
● Miscellaneous Problems.....	74
● Answers with Explanatory Notes.....	88
3. Analog Circuits	1–88
● Objective Problems.....	39
● Answers with Explanatory Notes.....	64
4. Digital Circuits	1–56
● Objective Problems : Level 1.....	28
● Answers.....	33
● Objective Problems : Level 2	
(i) Problems of Boolean Theorems and Logic Gates.....	34
● Answers with Explanatory Notes.....	37
(ii) Problems on Combinational Logic Circuits.....	41
● Answers with Explanatory Notes.....	43
(iii) Problems on Sequential Circuits : Flip-Flop.....	45
● Answers with Explanatory Notes.....	48
(iv) Problems on Counter.....	49
● Answers with Explanatory Notes.....	52
(v) Problems on Register.....	52
● Answers	53
(vi) Problems on Memory Organisation.....	53
● Answers with Explanatory Notes.....	55
5. Microprocessor	1–64
● Objective Problems : Level 1.....	16
● Answers with Explanatory Notes.....	23
● Short Answer Type Questions.....	26
● Miscellaneous Problems on Digital Circuits & Microprocessor.....	27
● Answers with Explanatory Notes.....	47
6. Signals & Systems	1–96
● Objective Problems.....	38
● Answers with Explanatory Notes.....	61
7. Control Systems	1–76
● Objective Problems.....	24
● Answers with Explanatory Notes.....	47
8. Communications	1–56
● Objective Problems : Level 1.....	25
● Answers with Explanatory Notes.....	28

● Objective Problems : Level 2.....	29
● Answers with Explanatory Notes.....	35
● Objective Problems : Level 3.....	36
● Answers with Explanatory Notes.....	47
9. Electromagnetics	1–60
● Objective Problems : Level 1.....	23
● Answers with Explanatory Notes.....	26
● Objective Problems : Level 2.....	27
● Answers with Explanatory Notes.....	42
10. Microwave Engineering	1–31
● Objective Problems : Level 1.....	19
● Answers.....	26
● Objective Problems : Level 2.....	27
● Answers with Explanatory Notes.....	31
11. Electrical Engineering Materials	1–39
● Objective Problems.....	15
● Answers with Explanatory Notes.....	33
12. Measuring Instruments	1–44
● Objective Problems.....	23
● Answers with Explanatory Notes.....	36
13. Satellite Communication	1–24
● Objective Problems.....	13
● Answers with Explanatory Notes.....	22
14. Radar Engineering	1–11
● Objective Problems.....	6
● Answers with Explanatory Notes.....	9
15. General Aptitude	{ 1–92 1–56 }
16. General Ability Test	1–31