

Contents

Preface	5
1. Sequences, Limits of Sequences	7
1.1. Sequences	7
1.2. Limits of Sequences	8
Answers	9
2. Limits and Continuity of the Function	11
2.1. Limits of Functions	11
2.2. Continuity of Functions	13
Answers	14
3. <u>Differential Calculus of Functions of One Variable</u>	17
3.1. Derivative of a Function.	17
3.2. Application of Derivatives.	19
Answers	20
4. <u>Integral Calculus of Single Variable Functions</u>	25
4.1. Indefinite Integrals	25
4.2. Definite Integrals	28
Answers	29
Bibliography	31