

New College

CALCULUS

(Differential and Integral)

B.A / B.Sc - I
Semester - I

JEEVANSONS PUBLICATIONS

CONTENTS

Chapter	Pages
<i>Review Chapter</i>	1 – 8
1. <i>Limits, Continuity and Derivability</i>	1.1 – 1.44
2. <i>Successive Differentiation</i>	2.1 – 2.38
3. <i>Some General Theorems on Differentiable Functions and Expansions</i>	3.1 – 3.33
4. <i>Asymptotes</i>	4.1 – 4.38
5. <i>Curvature</i>	5.1 – 5.39
6. <i>Singular Points</i>	6.1 – 6.26
7. <i>Curve Tracing</i>	7.1 – 7.36
8. <i>Reduction Formulae</i>	8.1 – 8.36
9. <i>Rectification</i>	9.1 – 9.40
10. <i>Quadrature</i>	10.1 – 10.28
11. <i>Volumes and Surfaces of Solids of Revolution</i>	11.1 – 11.39
◆ <i>Short Answer Questions</i>	(i) – (vi)
◆ <i>Model Test Papers</i>	MP/1 – MP/10