

COURSE CONTENTS

Block- I		
Sequences, Continuity And Differentiability: Page Number: 01-84		
Unit 1	Real Numbers And Sequence Of Real Numbers	02-14
Unit 2	Limit and Continuity	15-43
Unit 3	Differentiability	44-62
Unit 4	Mean Value Theorems	63-84
Block- II		
Expansion of Functions and Indeterminate Form and Integrals : Page Number: 85-181		
Unit 5	Indeterminate Forms	86-109
Unit 6	Successive Differentiation	110-130
Unit 7	Expansion of Function of one Variable	131-156
Unit 8	Maxima and Minima	157-166
Unit 9	Integrals	167-181
Block-III		
Asymptotes and Double and Triple Integrals: Page Number 182-301		
Unit 10	Asymptotes	183-210
Unit 11	Envelopes and Evolute	211-237
Unit 12	Integration and Volume and Surface of Solid of Revolution	238-279
Unit 13	Beta and Gamma functions	280-301
Block-IV		
Function of several variables: Page Number 302-350		
Unit 14	Partial Differentiation	303-332
Unit 15	Expansion of function in two variables and Jacobian	332-350