Lesson No.	Title	Page No.
MODULE- I	ALGEBRA	1 - 306
1	Complex Numbers	1
2	Quadratic Equations	39
3	Matrices	59
4	Determinants and their Applications	101
5	Inverse of a Matrix and its Application	147
6	Linear Inequations and their Applications	189
7	Permutations and Combinations	237
8	Binomial Theorem	265
	Practice work-Algebra	305
MODULE -II	COORDINATE GEOMETRY	307-404
9	Cartesian System of Coordinates	307
10	Straight Lines	339
11	Circles	379
12	Conic Sections	391
	Practice work-Coordinate Geometry	403
MODULE -III	SEQUENCES AND SERIES	405-454
13	Arithmetic and Geometric Progressions	405
14	Special Types of Series	441
	Practice work-Sequences and Series	453
	Curriculum	455-466

Lesso	n No. Title	Page No.
MODULE- IV	FUNCTIONS	1 - 174
15	Sets, Relations and Functions	1
16	Trigonometric Functions-I	61
17	Trigonometric Functions-II	99
18	Inverse Trigonometric Functions	141
19	Relations between Sides and Angles of a Triangl	e 159
	Questions For Practice-Functions	173
MODULE -V	CALCULUS	175 - 488
20	Limit and Continuity	175
21	Differentiation	221
22	Differentiation of Trigonometric Functions	251
23	Differentiation of Exponential and Logarithmic F	unctions 277
24	Tangents and Normals	299
25	Maxima and Minima	315
26	Integration	349
27	Definite Integrals	413
28	Differential Equations	449
	Questions For Practice-Calculus	487
MODULE -VI	STATISTICS	489 - 568
29	Measures of Dispersion	489
30	Random Experiments and Events	515
31	Probability	525
	Questions For Practice-Statistics	567
	Feedback Form	569

OPTIONAL MODULES

(You have choose any one of the following modules)

Title		Page No.
OPTIONAL-I	VECTORS AND THREE DIMENSIONAL GEOMETRY	1-105
OPTIONAL-II	MATHEMATICS FOR COMMERCE, ECONOMICS AND BUSINESS	107-256

OPTIONAL-I VECTORS AND THREE DIMENSIONAL GEOMETRY

Lesson No.	Title	Page No.
32	Vectors	1
33	Introduction to Three Dimensional Geometry	25
34	The Plane	47
35	The Straight Line	71
36	The Sphere	87
Questions	For Practice-Vectors and Three Dimensional Geometry	104

OPTIONAL-II MATHEMATICS FOR COMMERCE, ECONOMICS AND BUSINESS

Lesson No.	Title	Page No.
37	Shares and Debentures	113
38	Index Numbers	127
39	Insurance	139
40	Indirect Taxes	181
41	Application of Calculus in Commerce and Economics	212
	Questions For Practice-Mathematics for Commerce, Economics and Business	235
	Sample Question Paper	239
	Marking Scheme	243
	Feedback Form	