

## Subject : Mathematics & Statistics

Class : XII Commerce

Total Marks : 80

Time :  $2\frac{1}{2}$  hours

### DESIGN

#### Unit – wise time and marks distribution

UNIT	CHAPTERS	No of different type of questions	Marks Alloted	Topic wise marks	Time in minutes
I	• Relations and Functions	MCQ – 1	1	4	2
		SA 2 - 1	3		5
II	• Matrices	MCQ –2	2	6	4
		LA1 - 1	4		7
II	• Determinants	SA1 – 1	2	6	3
		LA1 - 1	4		7
III	• Continuity & Derivatives	SA1 – 1	2	12	3
		SA2 –2	6		10
		LA1 –1	4		7
III	• Integration	MCQ- 1	1	12	2
		SA1 –2	4		6
		SA2 – 1	4		5
III	• Differential Equations	LA1 - 1	4	6	7
		SA2 –2	6		10
IV	• Linear Programming	SA1 – 1	2	6	3
		LA1- 1	4		7
V	• Probability	SA1 – 1	2	6	3
		LA1- 1	4		7
VI	• Bill of exchange	MCQ- 1	1	5	2
		LA1- 1	4		7
	• Partnership	MCQ- 1	1	6	2
		SA1 –1	2		3
		SA2 – 1	3		5
• Annuity	MCQ- 1	1	6	2	
	LA2 - 1	5		9	
• Application of Calculus in Commerce	LA2 - 1	5	5	9	
		30	80	80	137 +13 = 150