

Subject : Mathematics

Blueprint of the question paper for HSSLC Examination 2021

Unit No.	Name of the chapters	Form of questions				Total question	Total marks	Unit marks
		MCQ	SA-I	SA-II	LA			
Unit I 1.	Relations and Functions: Relations and Functions	1(1)	1(2)	1(4)*		2	3	10
2.	Inverse Trigonometric Functions	1(1)	1(2)			3	7	
Unit II 3.	Algebra Matrices	1(1)	1(2)			2	3	13
4.	Determinants			1(4)	1(6)*	2	10	
Unit III 5.	Calculus Continuity & Differentiability	2(1)	1(2)	1(4)*		4	8	44
6.	Applications of Derivatives		1(2)	1(4)*	1(6)*	3	12	
7.	Integrals	2(1)	1(2)	1(4)* + 1(4)		5	12	
8.	Applications of Integrals				1(6)*	1	6	
9.	Differential Equations		1(2)	1(4)		2	6	
Unit IV 10.	Vectors and 3-D Geometry Vectors	2(1)	2(2)			4	6	17
11.	Three-dimensional Geometry	1(1)		1(4)	1(6)*	3	11	
Unit V 12.	Linear Programming Linear Programming				1(6)*	1	6	6
Unit VI 13.	Probability Probability		1(2)	1(4) +1(4)*		3	10	10
Total :		10(1)	10(2)	10(4)	5(6)	35	100	100

- Note:** (i) The figure within bracket () indicate the mark per question.
(ii) The figure outside the bracket () indicate the number of questions.
(iii) * Denotes internal choice or general choice questions.