

BLUEPRINT

SUBJECT: MATHEMATICS

CLASS-X

MAXIMUM MARKS: 90 (Theory)

PASS MARKS: 27(Theory)

TIME: 3 HOURS

Sl No	OBJECTIVES Type of Question UNIT	KNOWLEDGE				UNDERSTANDING				APPLICATION				SKILL			SUB TOTAL (Marks)	TOTAL
		MCQ (1m)	SA-I (2m)	SA-II (3m)	LA (4/5 m)	MCQ (1m)	SA-I (2m)	SA-II (3m)	LA (4/5m)	MCQ (1m)	SA-I (2m)	SA-II (3m)	LA (4/5 m)	SA-I (2m)	SA-II (3m)	LA (4/5 m)		
1	Revision Chapter	1(1)	2(1)			1(1)	2(1)										6	06
2	Number System: Real Numbers (ch-1)	1(1)				1(1)		3(1)									5	05
3	Algebra: Polynomials (ch-2)	1(1)						3(1)	4(1)								8	27
	Pairs of Linear Equation in two variables(ch.3)					1(1)	2(1)					4(1)					7	
	Quadratic Equation (ch-4)	1(1)	2(1)					3(1)									6	
	Arithmetic Progression (ch-5)	1(1)	2(1)					3(1)									6	
4	Coordinate Geometry (ch-7)			3(1)		1(1)		3(1)									7	07
5	Trigonometry: Introduction to Trigonometry (ch-8)		2(1)					3(1)						2(1)			7	7
6	Geometry: Triangles (ch-6)			3(1)		1(1)								2(1)			6	16
	Circle (ch-10)		2(1)						4(1)								6	
	Constructions (11)														4(1)		4	
7	Mensuration: Area related to Circle (ch-12)							3(1)							3(1)		6	12
	Surface Area & Volume (ch-13)									1(1)			5(1)				6	
8	Statistics (ch-14)								5(1)								5	10
	Probabilities (ch-15)						2(2)			1(1)							5	
SUB-TOTAL		5(5)	10(5)	6(2)		5(5)	8(4)	21(7)	13(3)	2(2)			9(2)	4(2)	3(1)	4(1)	90	90
TOTAL		21(23.33%)				47(52.22%)				11(12.22%)				11(12.22%)			90	100%

Weightage to Form of Questions: Form/Type

Marks

No. of Questions

Total Marks

Difficulty Level:

N.B-1:

Multiple Choice Question (MCQ)-

01

12

12

Difficult- 20%

Figures in the brackets indicate the

Short Answer type Question (SA-I)

02

11

22

Average- 60%

numbers of questions and figures

Short Answer type Question (SA-II)

03

10

30

Easy- 20%

outside the bracket are the marks.

Long Answer type Question (LA)

04/05

04/02

26

Scheme of option: Internal option for any 3 questions of 3, 4 & 5 marks.

N.B-2: Chapter -9 is omitted only for the academic year 2020