



EXAMINATION SYLLABUS 2020-2021

Grades: X

Subject : Mathematics

This exam syllabus is produced to facilitate teachers, students and the test setters to teach, learn and assess subject specific learning. This syllabus is condensed to align the course content with the teaching learning time during COVID 19.

DETAILED SYLLABUS

CHAPTER	EXERCISE	STUDENT LEARNING OUTCOMES	COGNITIVE LEVELS		
			K	U	A
1. Sets	1.1	5,6			
	1.2	12,13			
	1.3	18,19			
	1.4	23			
2. System of real numbers, exponent and radicals	2.1	34			
	2.2	37			
	2.3	39			
	2.4	41			
	2.5	42			

	2.6	43			
	2.7	45			
	2.8	48			
3. :Logarithms	3.2	56, 57			
	3.4	65			
	3.5	67			
	3.6	70			
4. Algebraic expressions	4.1	76			
	4.2	77			
	4.4	81			
	4.6	85			
	4.7	88			
	4.8	90			
	4.9	92			
	4.10	94, 95			
5. Factorization, HCF, LCM, simplification and square roots.	5.2	101			
	5.3	102, 103			
	5.4	104			
	5.5	106			
	5.8	111			
	5.10	118, 119			
	5.14	131			
6. Algebraic sentences	6.3	142			
	6.4	143			
	6.5	146			
	6.6	148			

	6.7	150			
	6.8	152			
7. Matrices	7.1	158, 159			
	7.2	165, 166			
	7.3	174,175			
	7.4	179,180			
	7.5	186			
8. Elimination	8.1	195, 196			
11. Fundamental concepts of geometry	11.1	286			
12. Demonstrative geometry	12.1	293, 294			
	12.2	299			
	12.3	303, 304			
	12.4	306, 307			
	12.5	308			
13. Circle	13.1	355, 356			
14. Practical geometry	14.2	378			
15. Trigonometry	15.1	396, 397, 398			
	15.2	405, 406			
	15.3	409, 410			
	15.4	413, 414			
	15.5	421, 422			