EXAMINATION SYLLABUS 2020-2021

Grade:XI   **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	12, 13 14			
2. Real and complex numbers systems	2.2	32, 33			
	2.3	38, 39			
3. Equations	3.3	52			
	3.4	66, 67			
	3.5	71			
	3.6	75, 76			
	3.8	85, 86			
6. Sequences and series	6.1	160, 161			
	6.2	168, 169, 170			
	6.4	180, 181			
	6.5	186, 187			
	6.8	209, 210			
7. Permutations, combination and	7.1	220, 221, 222			

Introduction to probability					
	7.2	232, 233, 234			
	7.3	240, 241, 242			
8. Mathematical induction and binomial theorems	8.1	263, 264			
	8.3	282, 283, 284			
9. Fundamental of trigonometry	9.1	299, 300			
	9.3	308			
10. Trigonometric identities	10.2	320, 321			
	10.3	324, 326			
12. Solution of triangles	12.2	345			
	12.3	348			
	12.4	351			
13. Inverse trigonometric function and trigonometric equations	13.2	368			