Appendix 1

Summary of Changes to the Contents of *Syllabuses for Secondary Schools – Pure Mathematics (Advanced Level) 1992*

Unit	Sub-unit	Topics	Content affected	Time Ratio
A3	3.2	Other common variations of the Principle of Mathematical Induction and their applications	"Backward induction" is deleted	1
A4	4.2	A.M. ≥ G.M.	The sentence "If required, teachers may apply backward induction" is deleted	0
A5	5.2	Applications of the binomial theorem for positive integral indices	The sentence "Students are expected …… should be discussed" is deleted	0
A7	7.1 – 7.6	Vectors in R^2 and R^3	The whole unit is deleted	31
A9	9.2	Existence and uniqueness of solution	The sentence "The corresponding geometrical meaning ..…coordinate geometry" is deleted	0
A10	10.4c	n^{th} roots of a complex number and their geometrical interpretation	The sentence "4. Factorize $z^{2n} - 2z^n \cos n\theta + 1$ into real quadratic factors" is deleted	1
B5	5.7	Improper integrals	The sub-unit is deleted	4
B6	6.2	Arc length	The sub-unit is deleted	3
	6.4	Area of surface of revolution	The sub-unit is deleted	4
B7	7.1	Basic knowledge in coordinate geometry	The paragraph "Students should be able to make conversions between polar and rectangular coordinate systems……in which (x,y) lies" is deleted	0
	7.2	Sketching of curves in the polar coordinate system	The sub-unit is deleted	4
			Total	**48**
			Percentage	**13.3**

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