Academic Year	2023/2024	
العام الدراسي		
Term	1	
الفصل		
Subject	Mathematics/AP	
المادة	الرياضيات/AP	
Grade	12	
الصف		
Stream	Elite	
المسار	النخبة	
Number of MCQ عدد الأسئلة الموضوعية	15	
Marks of MCQ درجة الأسئلة الموضوعية	4	
Number of FRQ عدد الأسئلة المقالية	5	
Marks per FRQ الدرجات للأسئلة المقالية	(6-10)	
Type of All Questions نوع كافة الأسئلة	الأسئلة الموضوعية /MCQ الأسئلة المقالية/ FRQ	
Maximum Overall Grade الدرجة القصوى الممكنة	100	
Exam Duration - مدة الامتحان	150 minutes	
Mode of Implementation - طريقة التطبيق.	SwiftAssess & Paper-Based	
Calculator الآلة الحاسبة	Graphing البيانية	

Question* السؤال*		Learning Outcome/Performance Criteria** ناتج التعلم/ معايير الأداء**	Reference(s) in the Student Book (Arabic Version) المرجع في كتاب الطالب (النسخة العربية)	
			Example/Exercise مثال/تمرين	Page الصفحة
MCQ الأسئلة الموضوعية	1	Approximating Areas with Riemann Sums	AP Classroom	
	2	The Fundamental Theorem of Calculus and Accumulation Functions	AP Classroom	
	3	Interpreting the Behavior of Accumulation Functions Involving Area	AP Classroom	
	4	The Fundamental Theorem of Calculus and Definite Integrals	AP Classroom	
	5	Finding Antiderivatives and Indefinite Integrals - Basic Rules and Notation	AP Classroom	
	6	Integrating Using Integration by Parts	AP Classroom	
	7	Verifying Solutions for Differential Equations	AP Classroom	
	8	Sketching Slope Fields	AP Classroom	
	9	Reasoning Using Slope Fields	AP Classroom	
	10	Approximating Solutions Using Euler's Method	AP Classroom	
	11	Finding the Average Value of a Function on an Interval	AP Classroom	
	12	Connecting Position, Velocity, and Acceleration Functions Using Integrals	AP Classroom	
	13	Using Accumulation Functions and Definite Integrals in Applied Contexts	AP Classroom	
	14	Finding the Area Between Curves Expressed as Functions of x	AP Classroom	
	15	Volumes with Cross Sections - Squares and Rectangles	AP Classroom	
FRQ الأسئلة المقالية	16	Applying Properties of Definite Integrals	AP Classroom	
	17	Exploring Accumulations of Change	AP Classroom	
	18	Finding Particular Solutions Using Initial Conditions and Separation of Variables	AP Classroom	
	19	Volume with Washer Method: Revolving Around the x- or y-Axis	AP Classroom	
	20	Applying Properties of Definite Integrals / Finding the Average Value of a Function on an Interval	AP Classroom	

*	Questions might appear in a different order in the actual exam, or on the exam paper in the case of G3, G4 and G5.
*	قد تظهر الأسئلة بترتيب مختلف في الامتحان الفعلي، أو على ورقة الامتحان في حالة الصفوف G4 ،G3 وG5
**	As it appears in the textbook, LMS, and (Main_IP).
**	كما وردت في كتاب الطالب وLMS والخطة الفصلية.