

Academic Year	2024/2025
العام الدراسي	
Term	1
الفصل	
Subject	Mathematics/Reveal
المادة	الرياضيات/ريفيل
Grade	11
الصف	
Stream	General
المسار	العام
Number of MCQ	15
عدد الأسئلة الموضوعية	
Marks of MCQ	4
درجة الأسئلة الموضوعية	
Number of FRQ	5
عدد الأسئلة المقالية	
Marks per FRQ	(6-10)
الدرجات للأسئلة المقالية	
Type of All Questions	MCQ/ الأسئلة الموضوعية FRQ/ الأسئلة المقالية
نوع كافة الأسئلة	
Maximum Overall Grade	100
الدرجة القصوى الممكنة	
Exam Duration - امتحان -	150 minutes
مدة الامتحان -	
Mode of Implementation - التطبيق -	SwiftAssess & Paper-Based
نمط التنفيذ -	
Calculator	Allowed
الآلة الحاسبة	مسموحة

Question* السؤال*	Learning Outcome/Performance Criteria** نتائج التعلم/ معايير الأداء**	Reference(s) in the Student Book (English Version) المرجع في كتاب الطالب (النسخة الانجليزية)	
		Example/Exercise مثال/تمرين	Page الصفحة
1	Find and interpret the average rate of change of quadratic functions given symbolically, in tables, and in graphs	Exercises (13-21)	P10
2	Solve quadratic equations by graphing	Exercises (1-10)	P17
3	Solve quadratic equations by graphing	Exercises (50-53)	P19
4	Perform operations with complex numbers	Exercises (1-12)	P25
5	Perform operations with complex numbers	Exercises (25-37)	P25
6	Solve quadratic equations by factoring	Exercises(15-32)	P41
7	Complete the square in the case of a trinomial that is not a perfect square	Exercises (19-24)	P39
8	Solve quadratic equations by completing the square	Exercises (44-49)	P40
9	Solve quadratic inequalities in one variable	Exercises (21-29)	P55
10	Graph polynomial functions and locate their zeros	Example5	P77
11	Find the relative maxima and minima of polynomial functions	Example2	P84
12	Add, subtract, and multiply polynomials	Exercises (30-39)	P98
13	Divide polynomials using synthetic division	Exercises (11-16)	P105
14	Determine whether a binomial is a factor of a polynomial by using synthetic substitution	Exercises (23-30)	P139
15	Graph vertical translations of trigonometric functions.	Exercises(1-10)	P127
16	Graph quadratic functions	Exercises (27-32)	P11
17	Solve quadratic equations by using the Quadratic Formula	Exercises(8-23)	P47
18	Solve quadratic equations by factoring	Exercises (31-34)	P107
19	Use Pascal's Triangle to write binomial expansions	Exercises (1-12)	P111
20	Factorize polynomials	Example2	P120
*	Questions might appear in a different order in the actual exam.		
*	قد تظهر الأسئلة بترتيب مختلف في الامتحان الفعلي.		
**	As it appears in the textbook, LMS, and (Main_IP).		
**	كما وردت في كتاب الطالب و LMS والخطة الفصلية.		