Academic Year	2024/2025	
العام الدراسي		
Term	1	
الفصل		
Subject	Mathematics/Reveal	
المادة	الرياضيات/ريفيل	
Grade	10	
الصف		
Stream	Advanced	
المسار	المتقدم	
Number of MCQ	15	
عدد الأسئلة الموضوعية		
Marks of MCQ	4	
درجة الأسئلة الموضوعية		
Number of FRQ	5	
عدد الأسئلة المقالية		
Marks per FRQ	7-10	
الدرجات للأسئلة المقالية		
Type of All Questions	MCQ/ الأسئلة الموضوعية	
نوع كافة الأسئلة	FRQ/ الأسئلة المقالية	
Maximum Overall Grade	100	
الدرجة القصوى المركبة		
Exam Duration - مدة الامتحان	150 minutes	
Mode of Implementation- طريقة التطبيق	Paper-Based	
Calculator	Allowed	
الآلة الحاسبة	مسموحة	

Question* السؤال*		Lesson** الدرس**	Reference(s) in the Student Book (Arabic Version) المرجع في كتاب الطالب (النسخة العربية)	
			Example/Exercise مثال/تمرين	Page الصفحة
الأسئلة المقالية - FRQ	1	Factor polynomials by using the Distributive Property	26-43	666
		Factor trinomials of the form ax^2 + bx + c	21-36	672
		Factorize binomials that are the difference of squares	1-14	679
	2	Determine whether quadrilaterals are rectangles, rhombi, or squares	1-14 & 23-29	95-97
		Use trigonometric ratios to find side lengths and angle measures of right triangles	16-27	192
	3	Recognize and use proportional relationships of corresponding angle bisectors, altitudes, and medians of similar triangles	8-14	153-154
	4	Plot points and vectors in the three-dimensional coordinate system	1-10	177
		Find the distance between two points on the coordinate plane		
	5	Find values of trigonometric ratios	31-36	202
الأسئلة الموضوعية - MCQ	6	Add and subtract polynomials	27-34 & 37-45	636
	7	Multiply a polynomial by a monomial	17-22 & 45-50	642-643
	8	Multiply binomials by using the FOIL method	13-17	649
	9	Find the product of a sum and a difference	21-49	658-659
	10	Find and use the sum of the measures of the exterior angles of a polygon	15-18	64
	11	Determine whether parallelograms are rectangles	9 & 34-39	87 & 90
	12	Recognize and apply the properties of kites	13-16	106
	13	Draw dilations in the coordinate plane	6-18	119-120
	14	Solve problems using the properties of similar polygons	7-14	128
	15	Use similar triangles to solve problems	9-15	134
	16	Use proportional parts with parallel lines	1-9	145
	17	Solve problems involving relationships between parts of a right triangle and the altitude to its hypotenuse	1-14	165
	18	Use the Converse of the Pythagorean Theorem	15-25	172
	19	Use the properties of 45°, 45°, 90° triangles	41-49	186
	20	Use trigonometric ratios to find side lengths and angle measures of right triangles	1-15	191

*	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.