

Academic Year	2023/2024
العام الدراسي	
Term	2
الفصل	
Subject	Mathematics/Reveal
المادة	الرياضيات / ريفيل
Grade	10
الصف	
Stream	General
المسار	العام
Number of MCQ عدد الأسئلة الموضوعية	15
Marks of MCQ درجة الأسئلة الموضوعية	4
Number of FRQ عدد الأسئلة المقالية	4
Marks per FRQ الدرجات للأسئلة المقالية	(5-13)
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	Paper-Based
Calculator	Allowed
الآلة الحاسبة	مسموحة

Question*		Learning Outcome/Performance Criteria**	Reference(s) in the Student Book ( English Version)	
			المرجع في كتاب الطالب (النسخة الانجليزية)	
السؤال*		نواتج التعلم / معايير الأداء**	Example/Exercise	Page
			مثال/تمرين	الصفحة
الأسئلة الموضوعية - MCQ	1	Multiply a polynomial by a monomial	1 to 16	641
	2	Multiply binomials by using the Distributive Property and the FOIL Method	18 to 59	650, 651
	3	Find squares of sums and differences	1 to 10	657
	4	Factor polynomials by using the Distributive Property.	1 to 10	665
	5	Factorize binomials that are the difference of squares	1 to 14	679
	6	Know the precise definition of circle and find the circumferences of circles.	1 to 15	227
	7	Find arc lengths and convert between degrees and radians	20 to 41	238
	8	Describe relationships between inscribed angles, and use those relationships to solve problems	1 to 12	251
	9	Identify relationships in inscribed polygons, and use those relationships to solve problems	13 to 25	252
	10	Solve problems involving circumscribed polygons	19 to 26	260
	11	Find perimeters and areas of parallelograms	1 to 12	289
	12	Find the areas of kites and rhombi	1 to 12	289
	13	Find areas of circles	1 to 12	305
14	Find surface areas of prisms and cylinders	1 to 16	315, 316	
	Find surface areas of pyramids and cones			
15	Identify the shapes of all cross sections formed by cuts to a solid.	1 to 7	323	
الأسئلة المقالية - FRQ				
	16	Find measures in intersecting circles and prove relationships between circles	33 to 51	229, 230
	17	Solve problems using the relationships between arcs, chords, and diameters	1 to 16	245
	18	Find areas of composite figures	8 to 13	297
19	Write polynomials in standard form	1 to 14	635	
*	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 وLMS والخطة الفصلية .			