Academic Year العام الدراسي	2023/2024
Term الفصل	2
Subject المادة	Mathematics/Reveal الرياضيات/ريفيل
Grade الصف	10
Stream المسار	Advanced المتقدم
Number of MCQ عدد الأسئلة الموضوعية	15
Marks of MCQ درجة الأسئلة الموضوعية	4
Number of FRQ عدد الأسئلة المقالية	6
Marks per FRQ الدرجات للأسئلة المقالية	(4-9)
Type of All Questions نوع كافة الأسئلة	MCQ/ الأسئلة الموضوعية FRQ/ الأسئلة المقالية
Maximum Overall Grade الدرجة القصوى الممكنة	100
Exam Duration - مدة الامتحان	150 minutes
Mode of Implementation -طريقة التطبيق	Paper-Based
Calculator الآلة الحاسبة	Allowed مسموحة

	Question* السؤال*	Learning Outcome/Performance Criteria** ناتج التعلم/ معايير الأداء**	Reference(s) in the Student Book (English Version) المرجع في كتاب الطالب (النسخة الانجليزية)	
			Example/Exercise مثال/تمرين	Page الصفحة
MCQ - الأسئلة الموضوعية	1	Know the precise definition of circle and find the circumferences of circles	1 to 15	227
	2	Find measures of angles and arcs using the properties of circles	1 to 19	237
	3	Solve problems using the relationships between arcs, chords, and diameters	1 to 16	245
	4	Describe relationships between inscribed angles, and use those relationships to solve problems	1 to 12	251
	5	Describe relationships between central and circumscribed angles, and use those relationships to solve problems	19 to 26	260
	6	Apply the Fundamental Counting Principle to define sample spaces	11 to 23	370, 371
	7	Describe events as subsets of sample spaces by using complements	11 to 20	378, 379
	8	Apply the addition rule to situations involving events that are not mutually exclusive	7 to 24	410, 411
	9	Recognize and explain the concepts of conditional probability and independence in everyday situations	1 to 10	415
	10	Construct and interpret two-way frequency tables and use them to determine whether events are independent	4 to 8	422, 423
	11	Solve systems of linear equations by graphing	1 to 14	533
	12	Solve quadratic equations by graphing	1 to 43	17, 18
	13	Solve quadratic equations by factoring	1 to 14	31
	14	Complete the square in quadratic expressions to solve quadratic equations	19 o 43	39, 40
	15	Complete the square in a quadratic function to interpret key features of its graph	44 to 51	40
FRQ - الأسئلة المقالية	16	Find measures in intersecting circles and prove relationships between circles	33 to 51	229, 230
	17	Describe events as subsets of sample spaces by using intersections and unions	1 to 10	377, 378
	18	Solve systems of equations by using the elimination method	9 to 14	539
	19	Apply the multiplication rule to situations involving independent events Apply the multiplication rule to situations involving dependent events	1 to 17	401, 402
	20	Graph quadratic functions	1 to 8	9
	21	Perform operations with complex numbers	19 to 37	25

*	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 .