الملف مواصفات الامتحان النهائي للفصل الثاني - منهج ماجروهيل

موقع المناهج ⇐ المناهج الإماراتية ⇐ الصف العاشر العام ⇐ فيزياء ⇐ الفصل الثاني

روابط مواقع التواصل الاجتماعي بحسب الصف العاشر العام
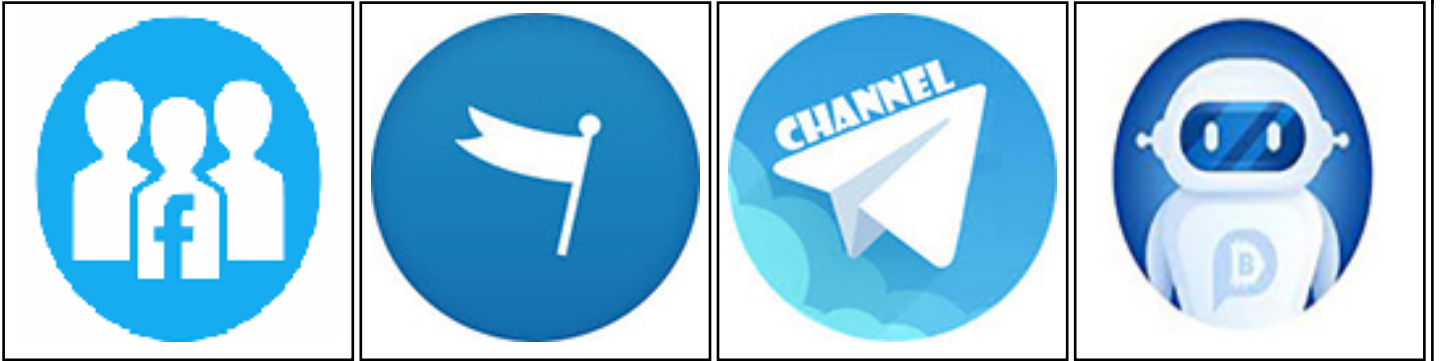
روابط مواد الصف العاشر العام على تلغرام

التربية الاسلامية	اللغة العربية	اللغة الانجليزية	الرياضيات

المزيد من الملفات بحسب الصف العاشر العام والمادة فيزياء في الفصل الثاني	
ملخص (القوى في بعدين)	1
ملخص (الحركة في بعدين)	2
انعكاس الضوء	3
حركة المقذوفات	4
اسئلة اختبارات	5

Subject المادة	Physics
Grade الصف	10
Stream المسار	General
Number of Questions عدد الأسئلة	25
Type of Questions طبيعة الأسئلة	MCQs اختيار من متعدد
Marks per Question الدرجات لكل سؤال	5
Maximum Overall Grade* العلامة القصوى الممكنة*	100
Exam Duration مدة الامتحان	120 minutes
Mode of Implementation طريقة التطبيق	SwiftAssess

Question** السؤال**	Learning Outcome*** ناتج التعلم***	Reference(s) in the Student Book المرجع في كتاب الطالب	
		Example/Exercise مثال/تمرين	Page الصفحة
1	define force as the cause of acceleration	Stated explicitly in text	90
2	Classify forces as either contact forces or field forces and realize that they result from interactions caused by agents	Stated explicitly in text	91
3	Combine forces to find the net force acting on an objec	Example 1	97
4	Calculate the weight of an object	Example2	101
5	Find the mass of an object from a force-acceleration graph	Stated explicitly in text	95
6	Apply Newton's Second Law to solve numerical problems	Example 1 / Example 2	97 / 101
7	state Newton's Second Law of motion	Explicitly within text	96
8	Apply Newton's Second Law to solve numerical problems	Example 1 / Example 2	97 / 101
9	Apply Newton's Second Law to solve numerical problems	Stated explicitly in text / Example 1	96 / 97
10	Calculate the apparent weight of a person in an elevator	Example3	103
11	Apply Newton's second law to calculate the drag force when terminal velocity is reached	section review Q22	105
12	Describe forces in nature as a tyoe of interaction between two bodies	Stated explicitly in text	107
13	Define the normal force and use examples to show that the normal force is not always equal in magnitude to the weight of the object	Stated explicitly in text	111
14	Describe weightlessness and explain that an object with no contact supporting force experiences weightlessness	Stated explicitly in text	102
15	Define the tension force and explain how Newton's Third Law applies to forces on strings and ropes	Example 5	110
16	Ilustrate graphically the addition and subtraction of vectors in two dimensions	Stated explicitly in text	123, 137
17	Determine the magnitude and direction of the resultant of two vectors in two dimensions using trigonometry, the Pythagorean theor	Example 1	124
18	Apply Newton's Second Law to solve numerical problems	Standerized test practice Q4	119
19	Determine the components of a vector in cartesian coordinate system using trigonometry	Example	126
20	Find the resultant of two or more vectors algebraically by adding the components of the vectors and finding the direction of the resu	Q82	146
21	Distinguish between static and kinetic friction.	Stated explicitly in text	130
22	Identify the forces acting on an object moving on an inclined plane and draw the free body diagram.	Example 6	140
23	Apply the relationships that relate the normal force to maximum static friction and to kinetic friction to calculate unknown paramete	Example 3	133
24	Recall that for an object to be in equilibrium, the net force acting on it should be zero	Stated explicitly in text	136
25	Solve problems related to friction.	Example 3	133

*	Best 20 answers out of 25 will count. Example: 14 correct answers yield a grade of 70/100, while 20 and 23 correct answers yield a (full) grade of 100/100 each.
*	مثال: 14 إجابة صحيحة تعطي علامة 70/100 بينما 20 أو 23 إجابة صحيحة تعطي العلامة الكاملة أي 100/100. تحتسب أفضل 20 إجابة من 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/SoW.
***	كما وردت في كتاب الطالب وLMS و الخطة الفصلية.