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الملف مواصفات الامتحان النهائي للفصل الثاني - ماجروهيل

روابط مواقع التواصل الاجتماعي بحسب الصف العاشر المتقدم

روابط مواد الصف العاشر المتقدم على تلغرام

التربية الاسلامية	اللغة العربية	اللغة الانجليزية	الرياضيات

المزيد من الملفات بحسب الصف العاشر المتقدم والمادة فيزياء في الفصل الثاني

1	كل مايخص الاختبار التكويني لمادة الفيزياء للصف العاشر يوم الأحد 16/2/2020
2	أسئلة الامتحان الوزاري لنهاية الفصل الثاني من
3	المتجهات
4	أوراق عمل درس الإنعكاس والمرايا
5	أوراق عمل درس الحركة الدورية

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

Question** السؤال**	Learning Outcome*** ناتج التعلم***	Reference(s) in the Student Book المرجع في كتاب الطالب Example/Exercise مثال/تمرين	Page الصفحة
1	Explain that sound is a longitudinal wave that has frequency, wavelength, and speed.	as described in the book	116
2	Relate the wavelength, frequency, and the speed of a sound wave by the equation $\lambda = v/f$.	CHAPTER 5 STANDARDIZED TEST PRACTICE	141
3	Explain that the speed of sound varies with different mediums and temperatures.	as described in the book	118
4	Define sound pitch and relate it to the frequency of a sound wave.	as described in the book	119
5	Define loudness and relate it to the amplitude of a sound wave	as described in the book	119
6	Define a coordinate system to solve a Doppler effect problem.	as described in the book	120
7	Apply the Doppler effect equation to calculate different frequencies and velocites	APPLICATIONS	122
8	Describe the sound level and define the decibel (dB) as a unit of measuring sound level.	as described in the book	119
9	Identify the two type of charges- positive and negative and that the net charge of an isolated system is always conserved	as described in the book	146
10	Define electric field strength as the electric force exerted per unit charge and measured in N/C.	as described in the book	167
11	Use vector addition to calculate the net force on a charge due to other point charges	CHAPTER 6 STANDARDIZED TEST PRACTICE	163
12	Relate the electric power or rate of energy transfer to current and potential difference (P=IΔV	APPLICATIONS (1-6)	197
13	State Ohm's law and apply it to simple circuits (ΔV=RI)	APPLICATIONS (13-17)	203
14	Solve problems involving the electrostatic force acting on charged particles by making use of Coulomb's Law	CHAPTER 6 STANDARDIZED TEST PRACTICE	163
15	Use Coulomb's law and the definition of electric field strength to derive the electric field strength due to a point charge.	APPLICATIONS (1-5)	168
16	Describe how charging an object by friction and conduction involves the transfer of electrons	as described in the book	150
17	State and demonstrate that unlike charges attract and like charges repel	as described in the book	149
18	Explain the factors (like length, cross-sectional area, temperature and material of the conductor) that affect the resistance of a conductor	as described in the book	200
19	Solve problems involving the electrostatic force acting on charged particles by making use of Coulomb's Law	APPLICATIONS (9-13)	156
20	State and apply Coulomb's law to charges separated by finite distances	CHAPTER 6 STANDARDIZED TEST PRACTICE	163
21	Demonstrate an understanding that the spacing between the field lines indicates the strength of the electric field in a given region	as described in the book	171
22	Describe the separation of charges by polarization	as described in the book	150
23	Describe how charging an object by friction and conduction involves the transfer of electrons	as described in the book	150
24	Distinguish between electrical conductors and insulators giving typical examples	as described in the book	147
25	Show, by analogy with the gravitational field, that an electric charge placed in an electric field possesses potential energy which depends on the position of the charge with	as described in the book	176

*	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.
*	تحتسب أفضل 20 إجابة من 25. مثال: 14 إجابة صحيحة تعطي علامة 70/100 بينما 20 أو 23 إجابة صحيحة تعطي العلامة الكاملة أي 100/100.
**	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 و LMS و الخطة الفصلية.