

تم تحميل هذا الملف من موقع المناهج الإماراتية



الهيكل الوزاري الجديد منهج انسابير المسار العام

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تاريخ إضافة الملف على موقع المناهج: 14:19:44 2024-05-15

التواصل الاجتماعي بحسب الصف التاسع العام



اضغط هنا للحصول على جميع روابط "الصف التاسع العام"

روابط مواد الصف التاسع العام على تلغرام

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المزيد من الملفات بحسب الصف التاسع العام والمادة علوم في الفصل الثالث

[الهيكل الوزاري الجديد منهج انسابير المسار العام](#)

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[نموذج أسئلة وفق الهيكل الوزاري بريدج](#)

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[حل أسئلة الامتحان النهائي الالكتروني بريدج](#)

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Academic Year	2023/2024
اسم الدرس	
Term	3
المساقفة	
Subject	Science / Inquiry
الموضوع / المساقفة	
Grade	9
المستوى	
Stream	General
النوع	
Number of MCQ	15
عدد الأسئلة المتعددة الخيارات	
Marks of MCQ	60
درجة الأسئلة المتعددة الخيارات	
Number of FRQ	1
عدد الأسئلة القصيرة	
Marks per FRQ	40
الدرجة القصيرة لكل سؤال	
Type of All Questions	Paper Part / MCQ
نوع الأسئلة	أجزاء ورقة / أسئلة متعددة الخيارات
Maximum Overall Grade	100
الدرجة القصيرة القصوى	
Exam Duration	150 minutes
مدة الامتحان	
Mode of Implementation	Paper-based
طريقة التنفيذ	
Calculator	Allowed
المحاسبة	مسموح

Question*	Learning Outcomes/Performance Criteria**	Reference(s) in the Student Book ( English Version/Arabic Version)	
		المرجع في كتاب الطالب (الإنجليزية / العربية)	Page / الصفحة
1	Explore the nature of sound waves, compare compression & rarefactions, define amplitude. Explore the hearing process in steps	Textbook, Q1, Figure 6	255, 256, 257
2	List the properties of the formed image from mirrors or lenses when the object is at a different distance (location of object) Explain why the reflected image in a plane mirror appears to be behind the mirror	Tables 1 & 2, Figures 3, 4, 5, 6, 7, 8, 10, 11	331, 332, 333, 334, 336, 337
3	Compare between optical instruments, their parts, and uses	Textbook, figures 17, 18, 20	343, 345
4	Compare between biotic and abiotic in an ecosystem, and give examples on each Define the terms: limiting factors and range of tolerance and apply them to the survival of "Deathhead Trout" example	Textbook, figures 5, 6	8, 9
5	List the models of energy flow in an ecosystem, and compare available energy, biomass, and population size in ecological pyramids	Textbook, figure 16	17, 18
6	Find the speed of a sound wave and assign the medium the sound wave is passing through	Textbook, table 1	253, 254
7	Identify the parts of the human ear, their properties, and functions	Textbook, figures 4, 5	253, 254
8	Compare and relate loudness and intensity in a sound wave	Textbook, figures 7, 8	258, 259
9	Compare and relate frequency, wavelength, and pitch in two different sound waves	Textbook, figure 9	260
10	Define the Doppler effect and apply it on examples: moving sound sources, moving observers, and electromagnetic waves	Textbook, figures 10, 11	261, 262
11	Describe different ways how sound is used and give examples on each	Textbook, figures 19, 20, 21, 22	266, 270, 271, 272
12	Describe the characteristics of plane mirror image (virtual, upright, reversed left to right, and same size as object)	Textbook, figure 3	330
13	Describe the eye vision problems and assign the type of lens to correct it	Textbook, figures 14, 15	340, 341
14	Define the levels of organization in the environment and order them from the simplest level (organism) to the most complex level of the biosphere	Textbook, figure 7	10, 11
15	List the symbiotic relationships between organisms, and relate to examples	Textbook, figures 9, 10, 11	12, 13, 14
16	Define autotrophs, heterotrophs, and detritivores and compare their importance in the ecosystem and impact on energy flow	Textbook, figure 12, 13	15, 16
17	Label organisms in food chains, food webs and ecological pyramids to be herbivores, carnivores, or omnivores	Textbook, figure 14, 15, 16	15, 16, 17
18	Assign on a diagram the processes that occur in a biogeochemical cycle (water, oxygen and carbon, nitrogen, and phosphorous) Predict the environmental impact of disturbance of concentration levels any of them and how it disrupt their cycle	Textbook, figures 18, 19, 20, 21	20, 21, 22, 23
19	Define biodiversity, genetic biodiversity, species diversity, and ecosystem diversity And list the importance of biodiversity: direct economic value, indirect economic value, aesthetic and scientific values	Textbook, figures 1, 2, 3, 4	30, 31, 32
20	List the factors that threaten biodiversity and assign them to examples	Textbook, figure 12, 13, 14, 15	39, 40, 41, 42, 43, 44
* Questions might appear in a different order in the actual exam			
** As it appears in the textbook ( UAE Edition Grade 9 Science Student Edition ), MCQ, and FRQ.			
*** As it appears in the textbook ( UAE Edition Grade 9 Science Student Edition ), MCQ, and FRQ.			