

تم تحميل هذا الملف من موقع المناهج الإماراتية



الملف حل أسئلة امتحان تمكين انسابير

[موقع المناهج](#) ← [المناهج الإماراتية](#) ← [الصف التاسع العام](#) ← [علوم](#) ← [الفصل الثالث](#)

روابط مواقع التواصل الاجتماعي بحسب الصف التاسع العام



روابط مواد الصف التاسع العام على تلغرام

[الرياضيات](#)

[اللغة الانجليزية](#)

[اللغة العربية](#)

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

مراجعة الامتحان النهائي	1
حل أسئلة امتحان وزاري	2
يوروبينت حل مراجعة عامة استعداد للاختبار المركزي	3
نموذج الهيكل الوزاري الجديد المسار العام بريدج	4
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Term 3 Exam questions

TAMKEEN EXAM REVIEW

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How does the temperature of a medium affect the speed of sound waves?

Learning Outcomes Covered

- SCI.1.1.01.019
- SCI.1.1.02.012

a.

As the temperature of a medium increases, sound waves travel more slowly through that medium

b.

Temperature does not affect the speed of sound waves

c.

As the temperature of a medium increases, sound waves travel more quickly through that medium

d.

As the temperature of a medium decreases, sound waves travel more quickly through that medium

Which of the following will change if you turn up a radio's volume?



Learning Outcomes Covered

• SCI.A.4.01.094

a.

Intensity and loudness

b.

Wave velocity and intensity

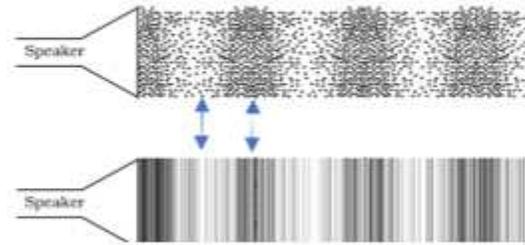
c.

Frequency and amplitude

d.

Intensity and pitch

The two types of regions that make up longitudinal waves are _____ .



Learning Outcomes Covered

• SCI.4.01.D94

a.

Compressions and extensions

b.

Compressions and transmissions

c.

Vibrations and transmissions

d.

Compressions and rarefactions

What is the difference between a lens and a mirror?

Learning Outcomes Covered

• SCI.1.2.01.011

a.

A lens does not have a focal point; a mirror has a focal point.

b.

A lens reflects light; a mirror refracts light.

c.

A lens has an optical axis; a mirror does not.

d.

A lens refracts light; a mirror reflects light.

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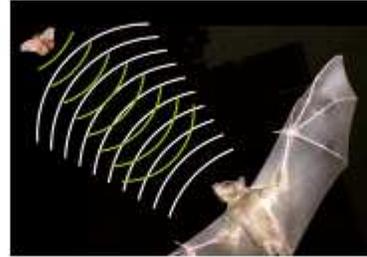
If you stand 2m away from a plane mirror, how far away does your reflection appear to be from you?

Learning Outcomes Covered

- SCI.1.1.01.019

- a. 2m
- b. 4m
- c. 8m
- d. 1m

Which of the following describe the process shown in the figure below?



Learning Outcomes Covered

• SC1A.4.01.094

a.

Echolocation

b.

Ultrasonic

c.

Resonance

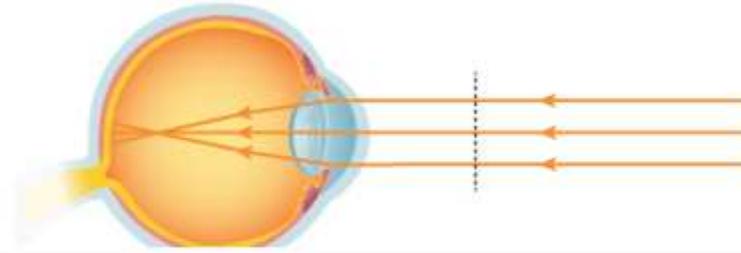
d.

Reverberation

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This diagram of a human eye illustrates a common vision problem. Which of the following statements is correct?



Learning Outcomes Covered

- SCL1.1.01.019

a.

The vision problem is nearsightedness and the type of lens to correct it is concave

b.

The vision problem is nearsightedness and the type of lens to correct it is convex

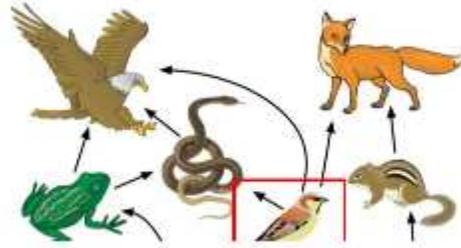
c.

The vision problem is farsightedness and the type of lens to correct it is convex

d.

The vision problem is farsightedness and the type of lens to correct it is concave

In the following food web, under what category the labeled mockingbird is classified?



Learning Outcomes Covered

- SCI.3.2.01.017
- SCI.3.4.01.024

a.

Autotroph

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b.

Omnivore

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c.

Detritivore

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d.

Herbivore

Ecology is concern in studying organisms and their interaction with the environment in the biosphere.
Which of the following is included in the **Biosphere**?

i.	Earth's surface, surrounding atmosphere, and all locations below Earth's surface that support life
ii.	All living and non-living things in an area that make up an ecosystem
iii.	Landmasses, bodies of freshwater and saltwater

Learning Outcomes Covered

• SCL3.2.01.D17

a.

i only

b.

i & ii only

c.

i & iii only

d.

i, ii & iii

Studying at night is harder in a room with dim light, and this is because of



a.

Huge amount of light rays traveled to human eyes

b.

Small amount of light rays reflected from the objects to human eyes

c.

The amount of light rays absorbed by objects is lower at darker room

d.

The human brain cannot process light waves at night

Which of the following descriptions about the organization of an ecosystem is **correct**?

Learning Outcomes Covered

- SCL3.2.01.017
- SCL3.2.01.022

a.

Communities make up organisms, which make up populations.
(Communities < organisms < populations)

b.

Populations make up organisms, which make up communities.
(Populations < organisms < communities)

c.

Organisms make up communities, which make up populations.
(Organisms < communities < populations)

d.

Organisms make up populations, which make up communities.
(Organisms < populations < communities)

Using the following example and the figure below, what is the type of symbiotic relationship shown?

- The sloth receives protection by camouflage from the green colored algae.

The algae take the sloth's fur as shelter and the fur provide the algae with moisture it need to survive.



Learning Outcomes Covered

- SCI.3.2.01.017
- SCI.3.2.01.022

a.

Mutualism

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b.

Parasitism

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c.

Commensalism

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d.

Predator-prey

Why are there usually few organisms at the top of energy pyramid?



Trophic level 3

Top

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- SCI.3.2.01.017
- SCI.3.2.01.022

a.

Humans hunt for organisms in this level

b.

Energy is lost from one trophic level to the next, only 10% of energy is transferred

c.

Organisms at the top are larger and require more living space

d.

Energy is transferred to other form and only 50% will be available in the next trophic level

Which statement is correct according to the image below?



Learning Outcomes Covered

- SCI.1.1.01.019
- SCI.1.1.02.014

a.

In 1, the flagger hears a higher pitched sound, and this is related to the Doppler effect

b.

In 2, the flagger hears a lower pitched sound, and this is related to the Compressional effect

c.

In 1, the flagger hears a higher pitched sound, and this is related to the Compressional effect

d.

In 2, the flagger hears a higher pitched sound, and this is related to the Doppler effect

At one time, a huge flocks of passenger pigeons would darken the skies during their migration. But by the early 1900s, they had become extinct. This is an example of



Learning Outcomes Covered

- SCI.3.4.01.022
- SCI.3.4.03.007

a.

Overexploitation

b.

Biological magnification

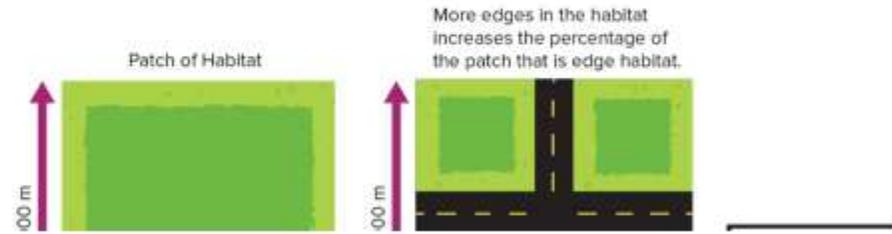
c.

Eutrophication

d.

Invasive species

Which of the following is a method used to maintaining and improving biodiversity between habitat fragments?



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- SCI.3.4.01.022
- SCI.3.4.03.007

a.

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Corridors

b.

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Bioremediation

c.

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Nature reserves

d.

Legislative actions