

تمت المراجعة والإجازة / أسم المراجع : داليا على محمد

General exams

on second preparatory second term science curriculum

2017/2018

Model Exam (1)

Question1:

A- write the scientific term for each of the following:

- (1) A disturbance that causes the oscillation of the medium particles.
- (2) The usage of a piece of a plant stem for reproduction.
- (3) The maximum displacement made by the oscillating body away from its original position.
- (4) The distance covered by light in one second.
- (5) The time interval from the beginning of the infection till the appearance of the symptoms.

B- Complete from the opposite fig :

1- points to.....

2- points to.....



Question 2:

A-Choose the right answer:

- (1) The sound intensity is measured in.....
 - a- Hertz.
 - b- Watt/m².
 - c- decibel.
 - d- m/sec.
- (2) All the following methods are examples for the artificial vegetative reproduction except.....
 - a- cutting
 - b- bulbs
 - c- grafting
 - d- tissue culture.

(3)The distance between two successive troughs or two successive crests in the
verse wave is

a- Wave length.

b- amplitude.

d- frequency.

d- wave velocity.

(4) The sound waves are Waves .

a- Longitudinal.

b- transverse.

c- electromagnetic.

d- no right answer.

(5)The partial immersed pencil in water looks broken because of

a- light reflection.

b- light refraction.

c- light deviation(diffraction).

d-total reflection of light.

B-Give reasons for the following :

The wood doesn't allow the passage of light through it.

Question 3:

Put (✓) in front of the correct statement and (X) in front of incorrect one :

1- The sound pitch is the property by which the ear can distinguish between strong
sounds and weak sounds. ()

2- The syphilis is transferred from the infected person through the sexual contact.
()

3- The crest is highest point in the transverse wave . ()

4- The transverse wave is a disturbance that causes the particles of the medium to
vibrate perpendicular to the direction of wave propagation. ()

5-The corolla is the male reproduction organ in the flower. ()

Answers Model Exam (1)

Question (1) : A- Write the scientific term for each of the following:

1. The wave .
 2. Vegetable reproduction.
 3. Amplitude
 4. Speed of light
 5. Incubation period
- B) 1. The corolla (petal) 2. The anthers

Question (2) : A) Choose the correct answer:

1. b. Watt / m²
2. b. bulbs
- 3.a. wave length
- 4.a. Longitudinal
5. b. light refraction

B) because it is an opaque object

Question (3) : Put (✓) in front of the correct statement and (X) in front of incorrect one :

1. (×)
2. (√)
3. (√)
4. (√)
5. (×)

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Model Exam (2)

Question 1:

Complete the following statements:

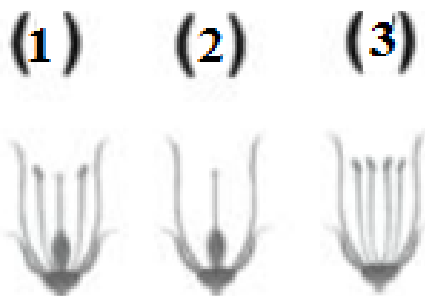
1. The speed of sound is measured in while the sound intensity is measured in.....
2. The reflection of light is classified into two types reflection and reflection
3. The human Zygote results from the combination of and and contains..... chromosomes
4. From the factors affecting the intensity of the sound are..... , , , and
5. The Savart's wheel is used in determining

Question 2:

A) Choose the correct answer:

1. The frequency of vibrating body is measured by a unit called
a) Hz b) m/ s c) Watt / m² d) decible
2. If the angle between the incident beam and the normal from the point of incidence on the reflecting surface = 50°, so the angle of reflection =
a) 40° b) 50° c) 130° d) 60°
3. The artificial vegetative reproduction is done in plants by.....
a) cutting b) grafting c) tissue culture d) all of the previous

B) Mention the sex in each flower from the following:



Question 3:

Put (✓) in front of the correct statement and (X) in front of incorrect one :

1. The wave is a disturbance that causes vibration of the medium particles. ()
2. The speed of the wave is fixed in the same medium and differs from one medium to another. ()
3. The movement of the rotary bee is considered a vibration motion .()
4. The movement of the tuning fork is considered a circular motion. ()
5. The frequency is equal to periodic time when the vibrating body makes one complete cycle in two seconds. ()

Question 4:

A) Write the scientific term for each of the following:

- 1 - The angle between the reflected ray and the normal from the point of incidence. (.....)
2. A cell which its nucleus contains 23 pairs of chromosomes resulting from combination the sperm and the ovum. (.....)
- 3 - The maximum displacement made by the vibrating body away from its rest position (.....)
- 4 –The distance covered by light in one second. (.....)

B) Give reasons for each of the following:

- 1- Light is considered electromagnetic waves.
.....
- 2 - The use of ultrasonic in the sterilization of food.
.....

Answers Model Exam (2)

Question (1) : Complete the following statements:

1. m / s, Watt / m²
2. Regular (uniform), irregular(non uniform)
3. A sperm and an ovum, 46
4. Distance between sound source and the ear - amplitude of the Sound source - area of the vibrating surface -The density of the medium through which sound travels –direction of Wind
5. Determination the pitch (frequency) of an unknown tone

Question (2) : A) Choose the correct answer:

1. a) Hz
 2. b) 50
 3. d) All of the previous
- B): (1) bisexual (2) Female (3) male

Question (3) : Put (✓) in front of the correct statement and (X) in front of incorrect one :

- 1.(✓)
2. (✓)
3. (×)
4. (×)
5. (×)

Question (4): A- Write the scientific term for each of the following:

1. The angle of reflection
- 2 - Zygote
- 3 - The amplitude
4. The speed of light

B) Give a reason for each of the following:

- 1 - because it does not need a medium to propagate through it.
 - 2 - because it has the ability to eliminate some bacteria, and stop the activity of some viruses.
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