



Final revision

G.4

Model exams

2021-2022

Mr.science



قم بفتح كاميرا الموبايل امام
الكود تصل لقناتنا فوراً على
اليوتيوب



قم بفتح كاميرا الموبايل امام
الكود تصل لجروب الفيس

Model exam (1)

• Choose the correct answer

1- One of the behavioral adaptations that help the animal protect itself from enemies

- (A) – blend in (B) - extinction
(C) – immigration (D) - reproduction

2- All the following are components of the nervous system except.....

- (A) Spinal cord (B) heart
(C) nerves (D) brain

3- Raise the thumb up or lower it down a kind of

- (A)- colors (B)- codes
(C) – waves (D)- lights

4-is covering body arctic fox

- (A) - heavy hair (B) - heavy skin
(C) - thick fur (D) - many feathers

• Complete the following

1- Cats' eyes are adapted to night vision due to the presence ofbehind their eyes.

2- Traffic lights depend on the sense of sight in communication like...

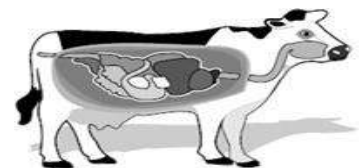
3-is a stimulus towards the surrounding environment.

4- Opaque objects form behind them, while objects don't.

5- The time taken by a jerboa to respond to a danger known as the.....

1- In front of you the digestive system of a herbivore, explain one of the features of the digestive system of herbivores

.....
.....



Model exam (2)

• Choose the correct answer

1-Is the organ responsible for the sense of sight

- (A)- the ear. (B) - the tongue.
(C) - the nose (D) - the eye.

2- Humpback whales make music in series of phrases in a pattern during.....months.

- (A)- summer . (B) - spring.
(C) - winter (D) – autumn.

3- Bat is.animal.

- (A) - nocturnal (B)- morning
(C) - Harmful (D) - don't fly

4- Animals that live in a hot environment have.....ears to help it to escape and to be cool.

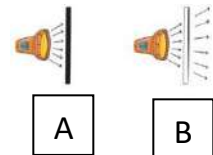
- (A)- small (B) - short
(C)- long (D) – sharp

• State the following statements are "True" or "False":

- 1-The owl`s bowl-like head helps it to see what it can`t hear.()
2 - The visual stimulation is faster than the auditory stimulation.()
3- In order for the code to be translated, the brain must identify it()
4- A wooden desk is an opaque material.()

1-Look at the path of the light rays in pictures (A) - (B). Determine which of the two objects is opaque and which is transparent (object)

(A).....(object) (B)



2-Compare the shape of the teeth of cows and dogs to match the type of food. Cow's teethwhere they feed on.....

Dogs' teeth.....where they feed on.....

Model exam (3)

• Choose the correct answer

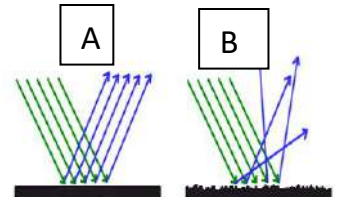
- 1- Each of the following is considered a source of light except
(A)- the fire (B) - the sun (C) - the lamp (D) - the eye.
- 2- Humpback whales use singing for.....
(A)- heating (B) - hide (C) – communication (D)- fun with whales
- 3- What feature of light helps you see yourself in the mirror?
(A) – refraction (B) - ray length (C) - short rays (D) – reflection
- 4- Stomach is a part of the digestive system that
(A)chewing food. (B)converts solid food into liquid (C)-absorbs nutrients
(D) delivers food into the esophagus

• Complete the following

- 1-An animal that can escape from enemies because of the.....
length of its hind leg.
- 2-.....mix and grind food inside the mouth
- 3-Mangroves trees grow in.....
- 4-The lungs are one of the important organs in the..... system.

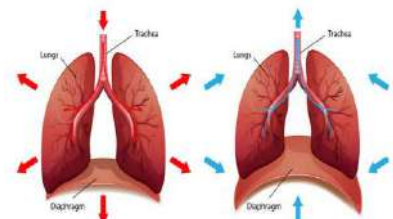
• Answer the following

- 1- Which of the following surfaces represents the reflection of light rays from a wooden spoon - and what is the reason?



- 2- Note the following two figures. Identify the name of each of the two processes in Figures 1, 2: -

.....
.....



A B

Model exam (4)

• Choose the correct answer

- Omar wanted to make a suitable box through which he could see what was inside without having to open. What material should be used?
(A) Wood (B) Mirror. (C) carton. (D) transparent plastic.
- 2- ancient Egyptians invented a writing system which is made up of.....
(A)symbols,cuneiform (B)drawings&letters (C)cuneiform&letters (D)symbols
- 3- Which feature would be the most helpful to a desert plant?
(A)Small leaves. (B) Large seeds. (C)Smelly flowers. (D)Long deep roots
- 4- 24- Sameh drives his bike and while that he hears a car behind him, he turns away so as not to hit it. The system that received a signal made Sameh realize that issystem
(A)Nervous (B)respiratory (C)digestive (D)circulatory

• Complete the following

Complete after noticing the following figure

What happens until you see this red flower?



- 1-The light falls on thethen it is reflected on the eyes - so the eyes transmit the message to..... then it interprets it and translates it, so we see the red flower.
- 2-The cactus plant has spines that protect it from being eaten by desert animals, and this is considered a form of
- 3-The diaphragm rises up during the..... operation

• Explain why :

- 1- Leaves of plants that float above the surface of the water are so wide that they can.....
- 2- Chameleons can move each of their eyes in a different direction

Model exam (5)

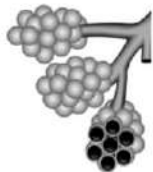
• Choose the correct answer

- 1- Bees can communicate with each other by
 (A) Flashlight (B) dancing (C) echolocation (d) morse code
- 2- In desert most of plants needsto get more amount of water
 (A) Long root (B) long leaves (C) long trunk (d) long branches
- 3- Animals that have super night vision for hunting including
 (A) owl & snake (B) cat & snake (C) owl & cat (d) owl & bat
- 4- We can depend on the sensory receptors of theto feel hotness
 (A) Tongue (B) ear (C) eye (d) skin

• State the following statements are "True" or "False":

- 1- The five senses are working separately from the nervous system ()
- 2- Cat and dogs eyes have tapetum lucidum to allow them to see at night()
- 3- In complete dark room you can see the shadow of object ()
- 4- Human can see in light as a dark as his eyes contain tapetum lucidum()

• Match



It completes the digestion of different types of food.

Tiny air sacs in your lungs in which the air exchange occurs.

It stores water.

Used to catch preys.

Extract oxygen gas from water.

Answer model 1

Q1

1-A 2-B 3-B 4-C

Q2

- 1- Tepetum lucidum
- 2- Fireflies
- 3- Response
- 4- Shadow- transparent
- 5- The reflex time

Q3

- Has long digestive canal – and four chambered stomach

Answer model exam 2

Q1

1-d 2-c 3-a 4-C

Q2

- 1- F
- 2- T
- 3- T
- 4- T

Q3

- 1- A – opaque B- transparent
- 2- Flat - grass – sharp – meat

Answer Model exam 3

Q1

1-d 2-c 3-d 4-b

Q2

- 1- Jerboa
- 2- Teeth & toung
- 3- Salty water
- 4- Respiratory

Q3

Surface (b) because it is rough surface

a- Inhalation b- exhalation

b-

Answer model exam 4

Q1

1-d

2-d

3-a

4-a

Q2

- 1- Object - brain
- 2- Structural
- 3- Exhalation

Q3

- 1- To absorb sun light
- c- To catch preys and avoid predators

Answer Model exam 5

قم بحله بنفسك Home work وتابع الحل في فيديو البث المباشر بقناة مستر ساينس على اليوتيوب



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الكود تصل لقاتنا فوراً على
اليوتيوب