

Grade 4 – Science

Mock Exam One

Ms. Mariam Galal

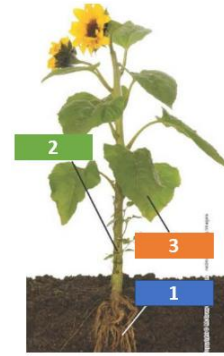
Name	
Class	
Total Marks	/100
Teacher Signature	

Question One

1. What is not a basic need of plant?
- a. Air
 - b. Sunlight
 - c. Food
 - d. Space

Question Two

2. Which part is labelled “3”?
- a. Root
 - b. Stem
 - c. Leaves
 - d. Soil



Question Three

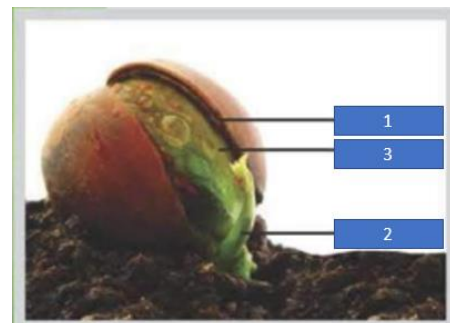
3. What is the function of the stem?
- a. Take in water and nutrients.
 - b. Support the plant and transport materials.
 - c. Fix the plant in soil.
 - d. Make plant food.

Question Four

4. Flowers comes in different colors and shapes, but they all help in
- a. reproduction
 - b. respiration
 - c. breathing
 - d. seed dispersal

Question Five

5. Which part in the picture is labelled “2”?
- a. Seed coat
 - b. Embryo
 - c. Cotyledon
 - d. Stem



Question Six

6. A physical trait or behavior that help the organism survive in it's environment is
- a. stimulus
 - b. response
 - c. tropism
 - d. adaptation

Part 2

Question One

7. Which structure is internal structure that help animals' breath?
- a. Nose
 - b. Lungs
 - c. Mouth
 - d. Eyes

Question Two

8. The changing colors of a chameleon help it
- a. camouflage.
 - b. mimic other animals.
 - c. Hibernate in winter.
 - d. migrate to other places.



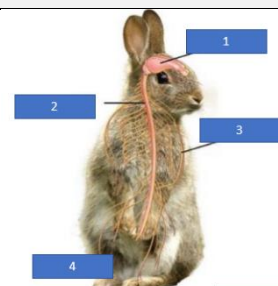
Question Three

3. What are horn most likely be used for?
- a. Defending
 - b. Feeding
 - c. Hunting
 - d. Rearing



Question Four

4. Which part of the labelled parts control reflexes?
- a. 1
 - b. 2
 - c. 3
 - d. 4



Question Five

5. Example/s of behavioral adaptations
- a. hibernation
 - b. migration
 - c. travelling in herds
 - d. all of the above

Question Six

6. On a hot day, a dog sees a bowl of water. What happens in the dog's body that makes the dog drink the water?
- a. First, a message is sent to the eyes. Next, it goes to the spinal cord. Last, it goes to the mouth.
 - b. First, a message is sent to the eyes. Next, it goes to the nerves. Last, it goes to the brain.
 - c. First, a message is sent to the brain. Next, it goes to the nerves. Last, it goes back to the brain.
 - d. First, a message is sent from the eyes. Next, it goes to the muscles. Last, it goes to the brain.

Question Seven

7. Suppose the Sun is shining bright above you sitting in a car and hits the rearview mirror. Which model to shows how the light reaches your eyes?



c.



d.



Question Eight

8. Which statement about the nervous system is true?

- a. The brain receives messages, figures out what they mean, and tells the body how to react.
- b. The spinal cord sends messages to and from the sensory organs.
- c. The sensory organs help the brain to figure out what the message means.
- d. The peripheral nerves send messages from different parts of the body to the brain.

Question Nine

9. Which statement correctly describes how sounds travel to the bat's ears?

- a. The sound of the echo is louder to the bat.
- b. The sound of the echo is energy traveling in waves to the bat's ears.
- c. The sound of the echo is traveling as an electrical current.
- d. The sound of the echo has more energy than the original sound the bat made.

Question Ten

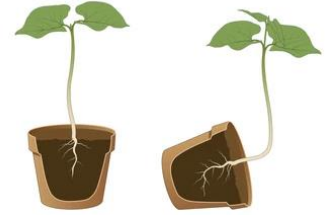
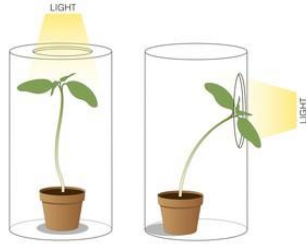
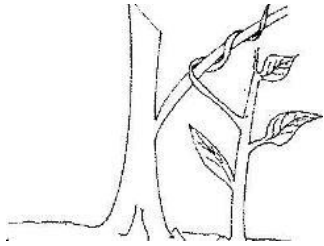
10. The older boy knew to use the flashlight to help the children in the dim lighting.
How does the flashlight help the kids to see?

- a. The flashlight makes the kids' eyes stronger.
- b. The light from the flashlight bounces off objects and reflects into the kids' eyes.
- c. The flashlight makes objects shinier.
- d. The flashlight is able to make the objects glow in the dark.

Part 3

Question One

1. Identify and label the types of tropism shown in the pictures using the following words:
Hydrotropism – Gravitropism – Thigmotropism – Phototropism



4.

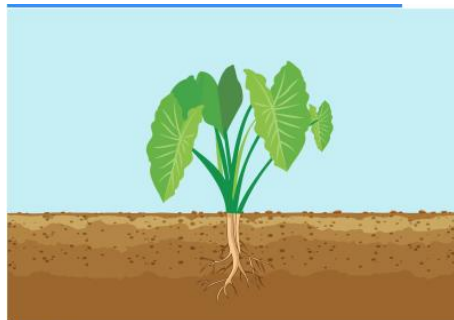
1.

3.

2.

Question Two

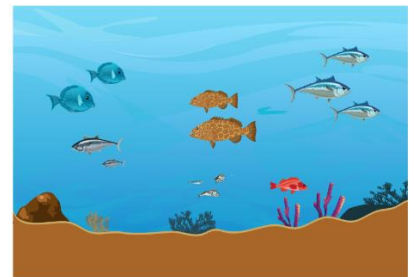
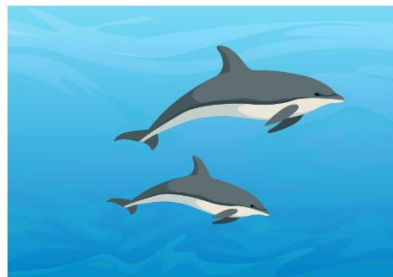
A. A group of students are visiting a botanical garden. The guide shows plants from all over the world, such as those shown here. Some plants grow in deserts, and others grow in tropical areas. What three basic structures do these plants have in common?



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B. Although both dolphins and fish live in water, they are very different animals. Fish have gills, while dolphins have lungs. Look at the images to answer the questions. What external structures do dolphins and fish share?



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Question Three

A. Draw a picture to describe how light travels to your eyes to help you see the objects on the floor and bed.

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B. What is the difference between front eyes vision and side eyes vision?

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Question Four

4. Label different human eye parts.

