



2nd grade - Animals and their Environments Science Benchmark Test

Student's Name _____ Teacher _____ Date _____ Score _____

Directions: Listen carefully. Choose the best answer.

1. Which class of animals has hair or fur, are warm-blooded, and have a backbone?

- mammals
 - insects
 - birds
- (2.L.5A.1)

2. Which body part will the animal in the picture have as it grows and develops through its life cycle?

- feathers
- six legs
- gills



(2.L.5A.1)

3. Which of the following is a characteristic of amphibians such as frogs?

- rough, dry skin
- living in water and having scales
- having smooth, soft skin



4. Which characteristic do both turtles and lizards have?

- they have scales or rough, dry skin
- they nurse their young with milk
- they live in water and breathe through gills



5. How does a giraffe's long neck help it survive?

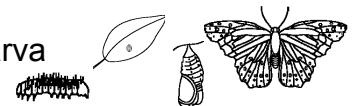
- A. the giraffe can climb a tree
- B. the giraffe can swim quickly
- C. the giraffe can reach the highest leaves

6. In what way is a butterfly able to protect itself from predators?

- a short tongue
- by camouflage
- with long antenna

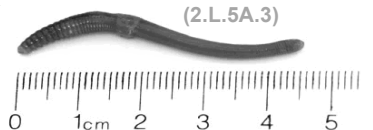
7. In which way does a butterfly begin its life cycle?

- as an egg on a leaf
- in a cocoon or chrysalis
- as a crawling larva



8. This worm is 2 weeks old. What do you expect its length to be in 2 more weeks?

- less than 3cm
- more than 5cm
- the same length as it is now



(2.L.5A.3)

9. There are many tadpoles in this jar. Once they begin to grow into frogs, what will need to happen?

- more space will be needed
- water should be added to the jar
- tadpoles should be added to the jar



10. Which characteristic of a camel is the most helpful for living in a desert?

- hump for storing water
- long legs for walking
- two ears for hearing

11. Which of these is an example of how animals need plants? (2.L.5B.1)

- plants are food for many animals
- animals spread the leaves for many plants
- plants can be fertilizer for animals

12. Which of these is most likely the predator? (2.L.5B.1)

- tree
- fish
- bear

13. The picture shows plants and fish in the same bowl.

Why is it good for them to be together? (2.L.5B.1)

- the plant produces oxygen for the fish
- the fish produces oxygen for the plants
- the animal is food for the plants to eat

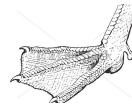


14. Which of these is an example of how plants help animals? (2.L.5B.1)

- water plants are shelter for fish
- cow manure can be fertilizer for plants
- plants produce carbon dioxide for animals

15. Which environment would be best for an animal with feet like those in the picture? (2.L.5B.2)

- desert
- forest
- freshwater



16. Which characteristic is important for an animal living in the polar lands? (2.L.5B.2)

- thick fur to help it stay warm
- short tail so it won't snag on plants
- long neck to see high in the trees

17. Study the chart.

Why do you think the number of squirrels became less? (2.L.5B.3)

- because there were less trees
- because a predator ate them
- because there was too much rain

Number of Trees	Number of Squirrels
30	150
20	100
10	50

18. Study the chart above. The trees were cut down. Why do you think the squirrels moved to another area? (2.L.5B.3)

- it was too cold
- they needed more water
- they needed more trees for shelter

19. Weedkiller was sprayed on the weeds in the yard. After two days, the weeds were dead and so was the grass. How could this happen? (2.L.5B.4)

- the chemical killed the grass
- the weeds killed the grass
- the grass was already dying

20. The paper company cuts down trees to make paper. The company says it costs too much to plant new trees. As a scientist, what do you think? (2.L.5B.4)

- plant new trees to prevent erosion
- save money and don't plant new trees
- cut more trees to make more paper