Name: _____ Grade: _____ Date: _____

UNIT TEST

CLASSIFICATION SYSTEM & ARTHROPODS

INSTRUCTIONS: Answer ALL parts of the short answer.

1. Classification is a useful tool used by man. List three reasons why it is so useful. (3)
    1. _____
    2. _____
    3. _____

2. The system of classifying organisms begins with the largest group called a kingdom. Then it is further subdivided into progressively smaller groups. In the table below, list the groups in order from largest to smallest. Give the plural on the left column and singular on the right. The first and last are done for you

Kingdoms	Kingdom
Species	Species

3. What is the binomial system? (2)

_____

_____

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4. Each name below is written incorrectly. Provide the corrected scientific name for the following species. [5]

a. officinale Guaiacum

b. makaira-nigricans

c. strombus *gigas*

d. *cardisoma guanhumi*

e. p*anulirus argus*

5. Define the term, invertebrate. (1)

_____

6. What are two characteristics that all arthropods have? (2)

_____

_____

7. What are the names of the subclasses of arthropods? (4)

_____

_____

_____

_____

8. What are the names of three crustaceans that are eaten by humans? (3)

_____, _____ and _____

9. What are four characteristics of crustaceans? (4)

_____

_____

_____

_____

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10. Where do crustaceans live? (1)

_____
_____

11. What are the two ways that crustaceans breathe? (2)

_____
_____
_____

The diagrams below displays animals of different classes. Use the illustrations to answer the following questions.

A

B

C

D

a. Complete the table below by classifying each organism into a class. (4)

Class	Letter
	A
	B
	C
	D

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b. The animal kingdom is classified into two major groups. (2)

i. Name the group to which these animals belong:

_____

ii. State the main characteristic of this group.

_____

c. Crabs, beetles and scorpions are also classified into the phylum **Arthropods**

i. Give two characteristics of these Arthropods.(2)

i. _____

ii. _____

TOTAL MARKS: _____/ 45

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