

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. panulirus argus

5. Define the term, invertebrate. (1)

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

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

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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)

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

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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

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