**Name:** _____ **Date:** _____

## Science Review Test

## Invertebrates Groups: Sponges, Echinoderms, & Worms

| | | |
|---|---|---|
|  |  |  |
| **Sponges** | **Echoniderms** | **Worms** |

**Multiple choice.** **[1 point each]**

1. How are sponges and echinoderms **alike/similar**?
   a) They move with tube feet
   b) They have two layers of cells
   c) They are marine animals

2. How do the tube feet of a sea star (starfish) help it to feed?
   a) They can digest food
   b) They can pull open the shells of clams
   c) They can pump water and food into its body

3. Which of the following is similar to both planarians and starfish?
   a) Having shells
   b) Re-growing missing parts
   c) Having spiny skin

4. How do the body covering of echinoderms help them?
   a) It protects them from predators
   b) It helps them to regenerate
   c) It gives them their shape

5. Which group of invertebrates are covered with pores?
   a) Echinoderms
   b) Sponges
   c) Insects
   d) Worms

6. Which of the following organism belong to the same group as the starfish?
   a) conch
   b) tube sponge
   c) earthworm
   d) sea urchin

7. Where is the mouth of an echinoderm located?
   a) At the center of the underside of the body
   b) At the top of the tube feet
   c) At both ends of tube-like body

8. Which invertebrate group has an external skeleton and are covered with spines?
   a) Mollusks
   b) Sponges
   c) Echinoderms
   d) Worms



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9. Which invertebrate group below was once harvested by Bahamian fishermen and sold to foreign countries?
   a) Echinoderms
   b) Insects
   c) Sponges
   d) Worms

10. Which type of worm below is beneficial (helpful) to farmers?
   a) hookworms
   b) leech
   c) tapeworms
   d) earthworms

11. Which group of invertebrates are known as "***filter feeder***"?
   a) Echinoderms
   b) Sponges
   c) Crustaceans
   d) Worms

Answer each question.

12. Give the definition of invertebrates? [1 point]

   An invertebrate is _____.

13. Give **two (2)** characteristics of ***flatworms***.

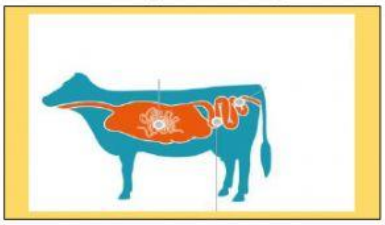
   i._____ [1 point]

   ii. _____ [2 points]

14. A tapeworm was found in the body a cow. Identify which organism is the:

   a) host = _____ [1]

   b) parasite = _____[1]



15. What organ helps echinoderms to get oxygen from the sea water? [1 point]

   _____

16. Give **two (2)** ways in which a roundworm can enter a human's body.

   i. _____ [1 point]

   ii. _____ [1 point]

17. Give **two (2)** ways in which human beings can prevent themselves from being infected by worms.

   i. _____ [1 point]

   ii. _____ [1 point]



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18. Give the **NAME** of **one (1)** helpful and **one (1)** harmful worm.

i. Helpful = _____ [1 point]

ii. Harmful = _____ [1 point]

19. Most adult echinoderms have radial symmetry. Give the meaning of the term "radial symmetry". [1 point]

_____

20. What is a parasite? [1 point]

_____

21. A) What is asexual reproduction? [1 point]

_____

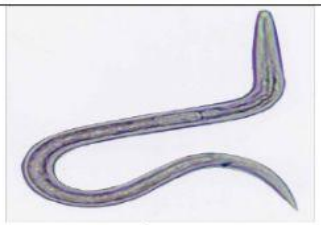
B) Give **one (1)** benefit of asexual reproduction for sponges. [1 point]

_____

22. Worm Groups

Drag the name of the worm group to the box above the picture of the worm to label the group that worm belongs in. [1 point each]

**Round Worms** **Flat Worms** **Segmented Worms**

| | | |
|---|---|---|
|  Tapeworm |  Earthworm |  Hookworm |



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