Nicholas Guttilla, John L'Insalata, and Nicholas Vitale

Ms. Unger

Biology Honors

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10 Question Web Quest

Directions Go to <http://thefestivedigestive.weebly.com/index.html>

1. Which organism out of the ones provided in the Mollusca Phylum has the most complex digestive system. Explain.

2. Draw and label the diagram of the clam.

3. Compared to Vase and Yellow Sponges how do Harp Sponges differ? How are they similar?

4. What is surprising about the digestive system of the phylum of Cnidarians?

5. In the phylum, Echinodermata, what do the sand dollar and sea urchin have, but the starfish does not? What do all three marine organisms have in common? How long does it take for sand dollar digestion.

6. What two animals and/or plants are considered to have advance digestive systems, but actually have no digestive system? How do they digest their food?

7. In which phylum was the use of teeth/ and or proboscis used to grab food and begin to digest them instituted? How does this aid in digestion?

8. What enzymes assist in the digestion of food in earthworms and what do they help to digest? Be specific.

9. What does a gastrovascular cavity do?

10. When was the anus instituted to help in digestion? What is the organ in the male and the organ in the female that aids the anus?

Citations

<http://w3.shorecrest.org/~Lisa_Peck/MarineBio/syllabus/ch7invertebrates/Invertwp/2007/patrick/dig.html>

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<http://mrslait.weebly.com/uploads/1/4/6/5/1465667/phylum_mollusc_web_notes.pdf>

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<http://aquaviews.net/explore-the-blue/fire-coral/>

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