T.J. Gray, Jake \_\_\_\_\_\_\_, Frankie Nugent Web Quest for the Digestive System

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Have arguably the most simple digestive system of all arthropods.

2. What do all chordate have in common?

a. They can all swallow food whole

b. They grind their food with their teeth

c. They all have an internal system or organ that grinds their food internally

d. They do not eat but instead photosynthesize

3. Explain what Cilium is and why they are important to the Mollusca phylum.

4. What are the indigested bones and feathers that the falcon barfs called?

a. A casting

b. A casket

c. A balloon

d. Barf

5. How can medicinal leeches be used for medical reasons and how does their style of feeding support the argument that they can be used for medical purposes?

6. How is are the feeding styles of hookworms, ascarids, and whipworms all similar inside of an organism's body?

7. Why do tapeworms not have a single digestive system?  Where do their digestive systems reside in their body?

8. What are nematocysts and how are they involved in the feeding and digestion process in most Cnidaria?

9. How does the Red-Knobbed starfish use its cardiac stomach in order to capture and digest larger prey?

10. How do porifera feed without a dedicated individual feeding mechanism?