

## Invertebrate II Pre-lab. Due at the start of lab. (Pages 193-206)

Name \_\_\_\_\_ GSI & Sect # \_\_\_\_\_ Station # \_\_\_\_\_

### AT THE END OF EACH LAB IS A REVIEW AND A CHART THAT YOU SHOULD FILL OUT.

1. To what phylum and class does a starfish belong to? Name the two stomachs a starfish possess?
2. For a cockroach, outline the passage of food from the mouth out to the anus.
3. Does a cockroach have a closed or open circulatory system? Explain your answer.
4. Trace the movement of an oxygen ( $O_2$ ) molecule from the outside of a cockroach into its abdominal cavity. Trace the movement of a  $CO_2$  molecule from the abdominal cavity to the outside. (Note that this movement does not occur in the circulatory system).
5. Compare and contrast holometabolous and hemimetabolous development. Give an example of each.
6. Describe the cuts/rips required in the cockroach dissection.

# **Invertebrate II Notes**