1. How do hydrostatic skeletons work? What types of animals use them?

2. Describe the structure of a hydrostatic skeleton and the materials that comprise them.

3. What is a hydrostat and what is it used for?

4. Compare a hydrostatic skeleton, a solid exoskeleton, and a solid exoskeleton. What are the similarities and differences in their structure and function? What is the advantage and disadvantage of each type?

5. How do stiff skeletons handle twisting and bending without breaking?

6. List out the general types of bones.

7. What is beam theory and what does it teach us about skeletons?

8. Compare and contrast cancellous and compact bone in their structure and function.

9. Define: joint, sliding joint, elastic joint, origin, insertion, lever, fulcrum, mechanical advantage, range of motion.