Lectures 34 & 35 Review Questions

1. Describe the main sections of the human ear and the primary functions of each.

2. How does the human ear detect differences in the volume of sounds? What about differences in sound frequency?

3. How do invertebrates detect sound? Compare and contrast invertebrate modes of sound detection to that of humans.

4. What structures of the human ear are responsible for helping to maintain equilibrium? What are the specific functions of each?

5. Explain the function of the lateral line in fishes.

6. What is the primary function of a statocyst, and how does it work?

7. What are hair cells, and what function(s) do they serve in the human ear?