

Homework 4

Student ID:

Name:

Explain the following terms:

Oxygen debt

Inner ear

Countercurrent flow

Ram ventilation

Sarcopterygians

Hemoglobin

Bohr effect

Standard metabolic rate

Metabolic intensity

Physoclistous

Salting-out effect

Lumpfish

squalene

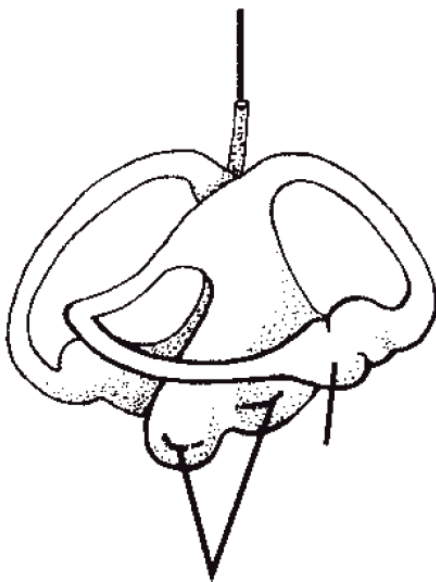
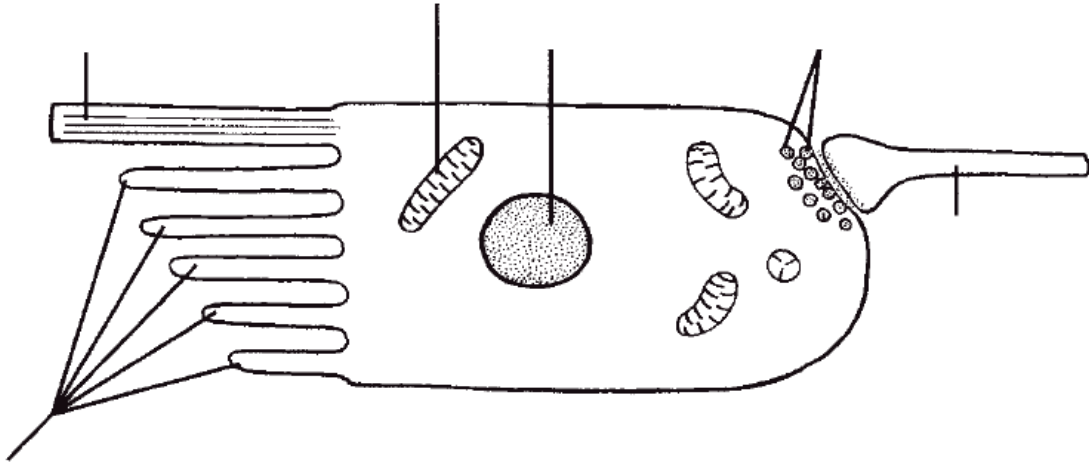
Pancreatic juice

Glycogen

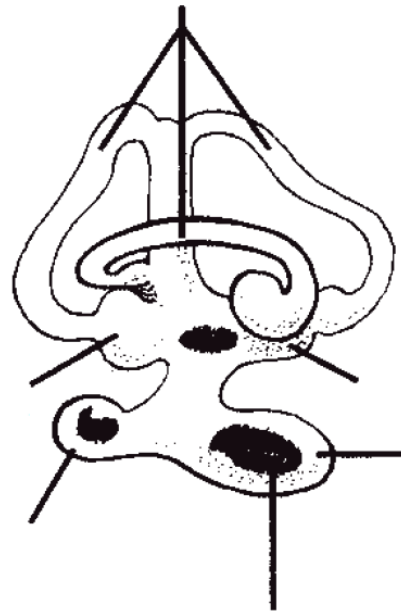
Short questions:

1. What are included in Mechanoreception?
2. What are the difference between Ampullary receptors and Tuberous receptors?
3. Give two examples of modified structure in hearing specialist.

Complete the names of the structures in the diagram



Elasmobranch



Teleost