

Homework 6

Explain the following terms:

Palatoquadrate

Pelvic claspers

Spiracle

Hyostylic jaw suspension

Viviparity

K-selected life history

cloaca

ceratotrichia

Cephalochordate

Coelacanth

Estivation

Chondrosteian

Gular plate

Polypteriformes

Psephurus gladius

Short questions:

1. Describe two parts of the pituitary gland and their roles in the endocrine system.

2. List the function of the autonomic nervous system.

3. Describe damages that high temperature could cause in fishes.

4. Explain the mechanisms of osmoregulation in elasmobranchs, freshwater and marine teleosts.

Complete the names of the structures in the diagram

