**Study Guide for Unit II: Vertebrates**

Terms

Notochord

Dorsal nerve chord

Gill slits

Cephalisation

Cerebrum

Endoskeleton

Gills

Alveoli

one circuit pathway

two circuit pathway

operculum

Ectothermic

Swim Bladder

Lateral Line

Metamorphosis

Cloaca

Keratin

Septum

Chorion

Amnion

Yolk

Allantois

Albumin

Endothermic

Monotremes

Marsupials

Placentals

Section 6.1 #’s 1 and 7

Section 6.2 #’s 1-5

1. What are the three basic characteristics that distinguish Phylum Chordata from all other animal phyla?
2. What are the general characteristics of invertebrates?
3. Discuss developmental trends and increasing complexity shown by vertebrates in terms of form and function for each of the following: (The table from the assignment is useful for this question)

* Endoskeleton
* Respiratory
* Circulatory
* Fertilization
* Development

1. Know the questions from the developmental trend worksheet on vertebrates.
2. Know the general characteristics for each of the vertebrate phylum:

* Agnatha
* Chondrichthyes
* Osteichthyes
* Amphibia
* Reptilia
* Aves
* Mammalia