**CalNat Assignment – Class 5 – Chapter 6**

**Animals**

1. Animal energetics:
2. What is a heterotroph?
3. What are detritivores?
4. What do the following terms mean?

i. Diurnal

ii. Crepuscular

iii. Torpor

iv. Estivation

1. What is the difference between endothermic and ectothermic animals?

2. Evolutionary groups: What are some characteristics of the following groups?

a. Monera

b. Protista

c. Fungi

d. Plantae

e. Anamalia

3. What are characteristics of the following invertebrate types: crustaceans, spiders, millipedes,

and insects (complete vs. incomplete metamorphosis?)?

4. What are some characteristics of the following vertebrate types: fish, amphibians,

turtles/tortoises, snakes and lizards, crocodilians, birds, and mammals.

5. What are anadromous fish? How do they cope with the extreme changes in their environment?

6. What makes amphibians so susceptible to environmental changes?

7. What are two strategies lizards and snakes have adapted to conserve water?

8. What is the difference between monotreme, marsupial, and placental mammals?

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