# Selected Review Questions Chapter 18

## 18.1

2. Describe two major types of feathers and tell their functions.

6. Describe six characteristics that distinguish Aves from other vertebrates:

## 18.2

3. Give two functions of the air sacs in a bird’s respiratory system.

7. Describe a bird’s heart. What advantage does this design provide for birds?

9. List several of the characteristics of birds that help them fly. Be sure to include those characteristics that make birds lighter than other animals of the same size.

## 18.3

2. What is the yolk of a bird’s egg? What is the proper name of the egg white, and what is it make of?

4. What are the two major reasons a bird migrates?

5. What triggers the migration instinct in birds?

## 18.4

1. What characteristics separate the class Mammalia from the other vertebrate classes?

6. What three structures are important to gestation in mammals.

8. Why are monotremes considered mammals instead of birds?

10. Differentiate between true and false hibernation in mammals.

## 18.5

1. List several characteristics and examples of a) Rodentia, b) Carnivora, c) Cetacea, and d) Primates.

2. What are the two major groups of hoofed mammals? Which contains the ruminants?

4. Name the largest land animal and the largest animal on the planet.

6. Which orders other than Carnivora contain meat eaters? Why are these animals not part of the meat-eating order?

## Vocabulary:

None due. See slides for all the terms and concepts necessary for the quiz.