

## **Zoology B Unit 4 notes review**

1. Salamanders belong to this order of amphibians: \_\_\_\_\_
2. True or false: All amphibians have paired appendages.
3. Both the fingers and toes of a frog contain these bones: \_\_\_\_\_
4. The diaphragm, eyelids and respiration use these types of muscle:  
\_\_\_\_\_
5. All frogs will breathe through \_\_\_\_\_ at some point in their lifetime.
6. Amphibians have a \_\_\_\_\_ chambered heart.
7. The main auditory receptor of amphibians: \_\_\_\_\_
8. The section of the amphibian brain responsible for coordination and equilibrium is the  
\_\_\_\_\_.
9. The order of amphibians with no appendages: \_\_\_\_\_
10. The clear, protective membrane that protects the eye for underwater vision is the \_\_\_\_\_.
11. Individual nerve cells are called \_\_\_\_\_.
12. List the three body systems involved in the epidermal counter shading process.  
\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
13. This is a short tube that leads from pharynx to the stomach: \_\_\_\_\_
14. Caecilians belong to this order of amphibians: \_\_\_\_\_.
15. The two tubes that connected the tympanic membrane with the mouth:  
\_\_\_\_\_
16. Frogs and Toads belong to this order of amphibians:  
\_\_\_\_\_

17. Memory, intelligence, and thought processes take part in this region of the brain: \_\_\_\_\_

18. The term often used to mean cold-blooded: \_\_\_\_\_

19. What part of the epidermis provides protective coloration, or “camouflage”?  
\_\_\_\_\_

20. The joints & bones that make up moveable limbs are part of this section of skeleton: \_\_\_\_\_

21. The type of muscles responsible for movement and locomotion:  
\_\_\_\_\_

22. The cranium and the vertebral column compose this part of the skeleton:  
\_\_\_\_\_

23. Amphibians are (monoecious, dioecious, trioecious, catadromous).

24. Which of the major orders of amphibians has the most known species?

25. List the four parts of the endocrine system discussed in your notes.  
\_\_\_\_\_, \_\_\_\_\_,  
\_\_\_\_\_, \_\_\_\_\_

26. What type of muscle is the amphibian heart composed of?  
\_\_\_\_\_

27. What part of the amphibian epidermis secretes a protective coating, providing protection against disease? \_\_\_\_\_