

Zoology B  
Unit 2 Notes Review  
Class Agnatha, Class Chondrichthyes

1. Class chondrichthyes is divided into how many sub-classes? \_\_\_\_\_
2. Lampreys have what type of circulatory system? \_\_\_\_\_
3. Which body feature of sharks provides an oxygen supply directly to the eyes?  
\_\_\_\_\_
4. What is another word meaning “cold blooded”? \_\_\_\_\_
5. Sharks possess what type of scales? \_\_\_\_\_
6. A circular mouth is an identifying characteristic of what class of vertebrates?  
\_\_\_\_\_
7. Are Agnathan’s monoecious or dioecious? \_\_\_\_\_
8. How many chambers do members of class Agnatha possess? \_\_\_\_\_
9. What is the largest species of shark? \_\_\_\_\_
10. How many cranial nerves do species of class agnatha possess? \_\_\_\_\_
11. How many chambers are there in the heart of animals belonging to class chondrichthyes? \_\_\_\_\_
12. How many gill slits do lampreys have? \_\_\_\_\_

13. Which class lacks scales and is covered with a protective coating of mucous?

\_\_\_\_\_

14. Name 3 members of the sub-class “holocephali”.

\_\_\_\_\_

15. What name is used to describe an unequally divided tail? \_\_\_\_\_

16. How many pairs of gill slits do sharks have? \_\_\_\_\_

17. What two things does the Ampullae of Lorenzini help a shark with?

\_\_\_\_\_, \_\_\_\_\_

18. Lampreys are \_\_\_\_\_ with \_\_\_\_\_ fertilization.

19. Sharks have what type of circulatory system? \_\_\_\_\_

20. Most sharks are \_\_\_\_\_ with \_\_\_\_\_ fertilization.