**Biology 0871 Worksheet on Fish**

**Chapter 30-2 p771, 774-781**

1. Name five feeding modes of the fish.

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. What organs are involved in fish’s digestion?

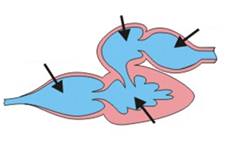
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3. Complete the sentence about respiration:

Most fishes exchange gases using \_\_\_\_\_\_\_\_\_\_\_\_\_\_ located on either side of the pharynx. These are covered by a bony structure called the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

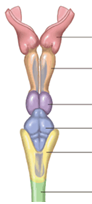
4. Fish possess a closed circulatory system. How many loop(s) form their circulatory system? \_\_\_\_\_\_\_\_\_\_\_\_.

5. Identify the four parts of the fish heart:



6. What organ filter wastes from the blood in fish?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

7. Identify the structures of the well developed nervous system of the fish.



8. Fishes possess a sensory receptors on the side of their body and use it to detect other fishes swimming nearby. How is that structure called?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

9. What structure do most bony fish have to control their buoyancy? Where is it positioned in the fish body?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

10. Fishes whose eggs hatch outside the mother’s body are called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. Fishes whose eggs stay in the mother’s body after internal fertilization are called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. Fish whose embryo obtains nourishment not from the yolk but from the mother’s body are called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

11. Give the phylum for each fish illustrated.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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12. How are called the fish that live most their lives in salt water and migrate to the fresh water to breed? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

13. Identify all the structures of the fish using figures 30-6 and 30-11.

