**Name:**

North American Wildlife: Chapter 17: Anadromous and Diadromous Fish

Discussion & Essay #1-10, Multiple Choice #1-10

D/E #1-10 – use complete sentences

1. Define the difference between anadromous diadromous, and catadromous species of fish.
2. Name some anadromous fish found in North America
3. Describe the life cycle that is typical of anadromous fish such as the salmon, steelhead, and ocean-run basses.
4. Contrast the life cycle of a catadromous fish such as a freshwater eel with that of an anadromous fish.
5. Describe the spawning process that is common among anadromous fish.
6. Discuss the effects that silty water conditions might have on live fish eggs that have been spawned in freshwater streams.
7. Appraise the positive and negative effects of the drawdown plan as a recovery method for endangered populations of salmon.
8. Evaluate the roles of fish hatcheries in maintaining populations of fish.
9. Describe how anadromous fish are able to find the streams where their lives began.
10. Suggest a reason why ocean-run steelhead trout grow larger than rainbow trout of the same species that live in freshwater habitats.

MC #1-10

1. A fish that migrates up a river from the sea to span is a/an:
   1. Catadromous fish
   2. Fingerling
   3. Smolt
   4. Anadromous fish
2. A fish that has recently hatched from an egg is a:
   1. Smolt
   2. Fry
   3. Fingerling
   4. Smelt
3. Which sense does an anadromous fish depend upon to find the river of its birth?
   1. Sight
   2. Smell
   3. Hearing
   4. Touch
4. Which of the following is not a species of Pacific Salmon?
   1. Chinook
   2. Coho
   3. Sockeye
   4. Steelhead
5. The largest species of salmon is the:
   1. Chinook
   2. Coho
   3. Pink
   4. Chum
6. The steelhead is a race of ocean-going fish of what kind?
   1. Salmon
   2. Trout
   3. Bass
   4. Shad
7. The branch of zoology that deals with the classification, structure, and life cycles of fish is called:
   1. Entomology
   2. Ichthyology
   3. Taxonomy
   4. Botany
8. Which of the following fish is a member of the herring family?
   1. Shad
   2. Striped Bass
   3. Steelhead
   4. Salmon
9. Leptocephali are the larva-like offspring of which of the following diadromous fish?
   1. Shad
   2. Bass
   3. Eel
   4. Chum
10. A term that applies to a young eel is:
    1. Chum
    2. Shad
    3. Coho
    4. Elver