Complete the following in the space provided.

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1. Briefly explain the difference between conservation and preservation.  
   ***conservation allows the management and use of resources whereas preservation doesn’t and instead allows nature to take its course***
2. What four things does good fish habitat include?  
   ***good water, shelter, food, places to reproduce, correct temperature, hiding places,***
3. How do fish get around some dams and weirs when spawning?  
   ***using fish ladders***
4. Name two ways chemicals get into lakes and rivers.  
   ***from direct dumping, from agricultural leeching, from ground leeching,***
5. We know fish are \_\_\_\_***cold blooded***\_\_\_\_\_ because their body temperature is the same as the environment they are in.
6. What is the term used to describe the death of all fish in lake due to a lack of oxygen over the winter? ***winterkill***
7. If you told your great grandfather that you were going to take him fishing and that you would buy his license for him, how much would it cost? ***$0 - Seniors are free***
8. How many lines can one person have in the water at one time if they are ice fishing?  
   ***2***
9. What saying is an easy way to tell the difference between bull trout and other trout?  
   ***no black, put it back***
10. What is the proper name for the tail fin of a fish? ***caudal fin***
11. What type of fish has an adipose fin? ***Salmonids (trout family, salmon family)***
12. The only Alberta fish which has long fins running half the length of its body is the \_\_\_ ***burbot***\_\_.

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1. What type of fish is commonly used in Alberta to stock ponds and reservoirs? ***rainbow trout***
2. What fish is known for eating almost anything, including baby ducks? ***northern pike (pike)***
3. Which Alberta fish can live to be 100 years old? ***sturgeon***
4. Why are hooks in Alberta required to be barbless?  
   ***to make releasing fish less harmful to the fish and easier for the fisherman***
5. How are fishing lines measured?  
   ***by breaking strength or diameter***
6. The mechanical brake on a fishing reel is called the \_\_\_\_\_***drag***\_\_\_\_\_\_\_\_\_.
7. Ice fishing is also known as \_\_\_\_\_***hard water angling or fishing***\_\_\_.
8. Fishing in a vertical manner is also known as \_\_\_\_***jigging***\_\_\_\_\_\_\_\_\_\_\_\_\_.
9. If fish finders don’t always find fish, what do they find? ***the structure that fish like***
10. If you catch a fish and decide to keep it, why is it important not to let the fish get warm?  
    ***when fish meat gets warm, it gets soft***
11. What is an alternative to having a fish mounted using taxidermy?

***have a replica made or take a picture***

1. What piece of safety equipment should ice fishermen carry with them? ***ice claws***
2. How thick should the ice be before driving on it? ***30 cm or 1 foot***

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