



Name: _____

Date: _____

Class & Grade: _____

WHAT DO WE KNOW ABOUT OUR WATERSHED?

PLEASE CIRCLE THE CORRECT ANSWER FOR EACH QUESTION.

1. What is a watershed?
 - A. A stream that connects two rivers
 - B. A storage tank for household and irrigation water supplies
 - C. *An area of land that funnels its water into a larger body of water*
 - D. Streams and rivers combined into unit by the federal government
2. Do you live in a watershed?
 - A. No, but my school is in a watershed
 - B. *Yes*
 - C. Yes, but my school is not in a watershed
 - D. It is impossible to tell
3. What do we call the fine particles that are lifted up and carried by the stream?
 - E. Bed load sediments
 - F. Dissolved sediments
 - G. Stream sediments
 - H. *Suspended sediments*
4. What are tailings?
 - A. Fine sediments eroded from bedrock
 - B. Large rocks left over from mining
 - C. The metals taken out of ore rocks
 - D. *Fine-grained wastes from ore processing*
5. The area along the banks of a stream is called a(n)
 - A. Impacted ecosystem
 - B. Intact ecosystem
 - C. *Riparian ecosystem*
 - D. Upland ecosystem
6. What causes acid rock drainage?
 - A. *Pyrite exposed to air and water*
 - B. Rust from old railroad tracks
 - C. Water from a sewage treatment plant
 - D. Loud heavy metal music
7. What is the pH of a normal stream or river in Montana?
 - A. *Around 7*
 - B. Below 6
 - C. Above 9
 - D. Below 4
8. Why are plants and aquatic bugs a good indicator of stream health?
 - A. They are easy to catch
 - B. They don't move far
 - C. They are abundant
 - D. *All of the above*

9. What is the dissolved oxygen of a normal stream or river in Montana?
- A. *4-5 parts per million*
 - B. 4-5 parts per billion
 - C. 12-13 parts per million
 - D. 20-25 parts per billion
10. What is the average temperature of a normal stream or river in Montana?
- A. *5.73 degrees Celsius*
 - B. 44.18 degrees Celsius
 - C. 15.73 degrees Celsius
 - D. *9.23 degrees Celsius*
11. What is the measure of suspended sediment in a stream or river called?
- A. Dissolved oxygen
 - B. *Turbidity*
 - C. pH
 - D. Conductivity
12. What is the measure of dissolved sediment in a stream or river called?
- A. Dissolved oxygen
 - B. Turbidity
 - C. pH
 - D. *Conductivity*
13. Which type of stream or river is most likely to have the highest dissolved oxygen?
- A. *A cold, quickly moving stream or river*
 - B. A cold, clear, calm stream or river
 - C. A warm, clear, calm stream or river
 - D. A warm, muddy, still stream or river
14. Which of the following can affect conditions in a stream or river?
- A. Time of day
 - B. Time of year
 - C. Urban areas
 - D. *All of the above*