

Name \_\_\_\_\_

## The Edwards Aquifer A Texas Treasure

**Directions:** Read the newsletter *The Edwards Aquifer*. Answer the questions below using information from the newsletter.

1. How old is the Edwards Aquifer?

\_\_\_\_\_

2. How was it formed?

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

3. Identify three uses for the water in the aquifer:

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

4. Describe what has happened to make people realize that the aquifer does not have a never-ending supply of fresh water.

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

5. Identify & describe the three segments of the aquifer:

a. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

b. \_\_\_\_\_  
\_\_\_\_\_

c. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

6. Explain how population affects the aquifer.

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

7. How does discharge from the aquifer occur?

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

8. How does most of the recharge in the aquifer occur?

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

9. What does conservation do for the aquifer (be specific)?

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

10. Why would pollution or contamination of the aquifer be possible?

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

11. What is the most dangerous threat to the aquifer? Give an example.

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12. What has prevented contamination of the aquifer up until now?

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13. What do scientists think is the best way to prevent contamination of the aquifer?

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14. What else (besides humans) depends on the water from the Edwards Aquifer?

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15. Explain why the protection of the aquifer is important to these other species.

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16. What is the purpose of the Edwards Aquifer Authority?

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17. List five water conservation tips:

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