Part 1.

1. Under what conditions is wind an effective agent of erosion?

Part 2.

- 2. What is a *ventifact?*
- 3. Why is sand so abrasive compared to silt and clay?

Part 3.

- 4. Define *deflation*. Where can we see deflation?
- 5. What are *blowouts?* Where are they found?

Part 4.

6. What is *loess*?

7. What is unique about how loess erodes?

Part 5.

8. What are the four types of sand dunes? Draw a sketch of each, showing the direction of the wind.

Part 6.

9. Describe the process by which sand dunes migrate.

Part 7.

- 10. What is the energy source behind waves?
- 11. What is *fetch?* How does fetch affect the height a wave will reach?

Part 8.

- 12. What causes waves to break?
- 13. Draw and label a diagram showing how a breaker happens.

Part 9.

- 14. What is an *undertow?*
- 15. Why are *rip currents* more dangerous than undertows?
- 16. Describe how waves move sand along a beach.

Part 10.

- 17. How do waves erode the shoreline?
- 18. Describe how a stack is formed.