

Name: _____

Date: _____

PRE/POST SITE EVALUATION

1. Climate change is
 - a. an increase in the average global temperature.
 - b. a myth.
 - c. caused by a decrease in the concentration of greenhouse gasses.
 - d. irreversible.

2. Causes of climate change include
 - a. Air pollution.
 - b. A shift in the rotation of the sun.
 - c. Burning of fossil fuels.
 - d. Both a and c

3. Weather is _____.

4. Climate is _____.

5. How can climate change influence climate?
_____.

6. Animals and plants have unique _____ to live in their environment.
 - a. Features
 - b. Personalities
 - c. Adaptations
 - d. Strategies

7. In California, most fresh water available during the summer months comes from
 - a. monsoonal rain storms.
 - b. snowmelt in the Sierra Nevada mountain range.
 - c. the Colorado River.
 - d. Groundwater.

8. The amount of water stored in snow is called
 - a. snowpack.
 - b. the summer water reserve.
 - c. Sierra cement.
 - d. snow-water equivalent.

9. The snow water equivalent (SWE) is
 - a. Mass/volume
 - b. Depth x Density/density of water
 - c. Depth/Density
 - d. Density of water

10. Stream flow measures
 - a. the volume of water that passes a given point in one second.

- b. how many species of fish can be found in a given area of a stream.
- c. the amount of trash that flows into the watershed.
- d. how fast water is moving at a given point in a stream.

11. What is peak flow and how is it measured?

12. Snow that falls at Thousand Island Lake will flow into the

- a. Owens Watershed.
- b. Merced Watershed.
- c. San Joaquin Watershed.
- d. LA aqueduct.

13. One possible effect of climate change on animals is

- a. Loss of habitat
- b. An increase in food
- c. Extended lifespan
- d. Easier migration.

14. National Parks belong to

- a. Everyone
- b. Park rangers
- c. The government
- d. No one

15. Why is it important for scientists who study climate change to collect data?
