NAME: ____________________________

GRADE: ____________ BEFORE QUIZ

1. Ice on the moon was brought there by
   a. volcanoes.
   b. mountain building.
   c. comets.
   d. the Earth.

2. What do people on the moon see when people on Earth see a total solar eclipse?
   a. the Sun disappearing behind the Earth
   b. the Moon's shadow on the Earth
   c. the Earth disappearing behind the Sun
   d. the Earth's shadow on the Sun

3. Wooly mammoths adapted to their climate by
   a. eating meat.
   b. growing long necks.
   c. growing shorter ears.
   d. growing thick fur.

4. Why don't the stars twinkle on the Moon?
   a. because the moon doesn't have any air
   b. because there are no clouds on the Moon
   c. because the stars are closer to the Moon
   d. because the Moon is dusty

5. What makes craters on Earth, but not the Moon?
   a. comets
   b. asteroids
   c. volcanoes
   d. meteoroids

6. What can cause craters on the Moon?
   a. volcanoes
   b. solar wind
   c. rivers
   d. asteroid impacts

7. During a solar eclipse seen on Earth,
   a. sun passes between the moon and Earth.
   b. the Earth's shadow covers the Moon.
   c. the Moon's shadow crosses the Earth.
   d. none of the above

8. Why will it be hard for children born on the Moon to visit Earth?
   a. Their muscles and bones are too weak.
   b. They are too tall.
   c. The Earth is too hot.
   d. They are not used to the water.

9. Which of the following exists on the Moon?
   a. clouds
   b. air
   c. rivers
   d. rocks

10. What event caused the death of all dinosaurs?
    a. flood
    b. asteroid impact
    c. plate tectonics
    d. drought

11. What would you wear outside on the moon?
    a. a warm coat
    b. thick sunglasses
    c. a full space suit
    d. a backpack

12. What color is the ground on the Moon when the Earth is up and the Sun is down?
    a. black
    b. brown
    c. green
    d. blue

13. During an ice age, the ice caps
    a. grow.
    b. shrink.
    c. melt.
    d. turn green.

14. A woolly mammoth looks most like
    a. an elephant
    b. a bear
    c. a gorilla
    d. an antelope

15. When a volcano erupts, you can see
    a. lava.
    b. smoke.
    c. fire.
    d. all of the above

16. A T-rex dinosaur attacks with its
    a. hands.
    b. feet.
    c. teeth.
    d. scent.

17. What makes canyons on Earth?
    a. sunlight
    b. flowing water
    c. lightning
    d. thunder
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