

Name:

Date:

Science 2nd Quarter Pre/Post Test: Patterns on Earth and in Space

1. What are the four layers that make up the Earth's atmosphere?
 - a. thermosphere, stratosphere, weather layer, troposphere
 - b. thermosphere, stratosphere, mesosphere, ozone layer
 - c. thermosphere, barosphere, mesosphere, troposphere
 - d. thermosphere, stratosphere, mesosphere, troposphere

2. The cloud type that usually brings heavy rain is --
 - a. cirrus
 - b. cumulus
 - c. cumulo-nimbus
 - d. stratus

3. Air that surrounds our planet.
 - a. atmosphere
 - b. stratosphere
 - c. air pressure
 - d. humidity

4. Describes how heat from the sun is trapped in the atmosphere to warm Earth.
 - a. front
 - b. cirrus
 - c. stratus
 - d. greenhouse effect

5. What are two properties that can be used to describe air masses?
 - a. temperature and wind speed
 - b. temperature and moisture
 - c. temperature and cloud over
 - d. air pressure and wind speed

Name:

Date:

6. Which motion best describes the way waves move?
- a. zigzag
 - b. forward and back
 - c. up and down
 - d. north to south
7. The process of liquid changing to gas is ____.
- a. condensation
 - b. evaporation
 - c. precipitation
 - d. tide
8. The place where land meets the ocean is the ____.
- a. continental shelf
 - b. trench
 - c. abyssal plain
 - d. shore zone
9. On the ocean floor when one plate slides beneath another.
- a. steady winds blow over the surface
 - b. during low tide, water covers less beach
 - c. gusty winds make storm surges
 - d. denser water flows beneath less dense water
10. Erosion makes beaches smaller because it --.
- a. carries sand and sediment away from the shore
 - b. deposits sand and sediment near the shore
 - c. breaks up sediment into smaller pieces
 - d. fills the ocean with sand and sediment
11. Large object that moves around a star.
- a. axis
 - b. planet
 - c. orbit
 - d. phases

Name:

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12. The moon's cycle of phases takes _____ to complete.
- a. a full year
 - b. a full year
 - c. several years
 - d. about 28 days
13. One gas makes up only a small part of the air. It is the gas that humans release when they exhale, or breathe out. That gas is _____
- a. carbon dioxide
 - b. oxygen
 - c. nitrogen
 - d. argon
14. All of these can be part of soil except.
- a. living animals
 - b. decayed plant material
 - c. small rocks
 - d. decayed animal material
15. Sometimes leaf prints are found in coal deposits. These prints indicate that the coal was formed.
- a. near the equator
 - b. under a desert
 - c. near the North Pole
 - d. in swampy forests
16. Prints of plants and animals that lived thousands of years ago can be found in layered rock. These prints are called _____
- a. sedimentary
 - b. artifacts
 - c. footprints
 - d. fossils
17. Metamorphic rock is rock that is formed _____.
- a. in the center of the earth
 - b. by great pressure and heat
 - c. from cooled magma or melted rock
 - d. from layers of mud, sand, and shells

Name:

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18. What season always comes after spring?

- a. winter
- b. fall
- c. summer
- d. Halloween

19. Which of the following answers has the seasons in the correct order?

- a. fall, winter, spring, summer
- b. fall, summer, winter, spring
- c. summer, spring, fall, winter
- d. winter, summer, fall, spring

20. Magma that flows onto the surface of Earth is called ___?

- a. lava
- b. mantle
- c. core
- d. metamorphic