



## Practice Quiz



- 1 **A student is looking at a current model of the solar system.**

**Which of these BEST describes the model she sees?**

- A a geocentric model, which means Earth is the center of the solar system
- B a heliocentric model, which means Earth is the center of the solar system
- C a geocentric model, which means the Sun is the center of the solar system
- D a heliocentric model, which means the Sun is the center of the solar system

- 2 **In Georgia, summer occurs in July and winter occurs in January.**

**Which of these BEST describe the difference between January and July?**

- A Earth is closer to the Sun in July than in January.
- B Earth is closer to the Sun in January than in July.
- C The Northern Hemisphere is tilted toward the Sun in July.
- D The Northern Hemisphere is tilted toward the Sun in January.

- 3 **Which of these is the MOST LIKELY cause of tides?**

- A gravitational pull of Jupiter
- B gravitational pull of the Moon
- C movement of water in the ocean
- D wind near the surface of the ocean

- 4 **Which of these BEST describes how the air temperature of the ocean compares to the air temperature of land next to the ocean?**

- A The land will be cooler than the ocean at noon and at midnight.
- B The land will be warmer than the ocean at noon and at midnight.
- C The land will be warmer than the ocean at noon and cooler than the ocean at midnight.
- D The land will be cooler than the ocean at noon and warmer than the ocean at midnight.

- 5 **A student is studying the layers of Earth.**

**Which of these layers is the MOST dense?**

- A crust
- B mantle
- C outer core
- D inner core



6 **Which of these BEST describes how an igneous rock forms?**

- A cooling of magma
- B weathering of other rocks
- C colliding of tectonic plates
- D pressing together of smaller rocks

7 **A student is making a poster about conserving nonrenewable resources.**

**Which of these resources should she put on her poster?**

- A wind
- B sunlight
- C oak trees
- D natural gas

8 **Which of these will be the Moon phase during a solar eclipse?**

- A full Moon
- B new Moon
- C first quarter Moon
- D third quarter Moon

9 **A new shopping mall is being built. Many plants are removed from the area while construction is completed.**

**Which of these describes the MOST LIKELY effect of removing the plants from the area?**

- A The population of animals nearby will increase.
- B More soil will be washed away during heavy rains.
- C Animals in the area that used to feed on plants will now eat other animals.
- D The soil will have more nutrients to grow new plants after the mall is finished.

10 **Which of these features is MOST LIKELY to affect a planet's ability to support life?**

- A the presence of water on the planet
- B the distance of the planet from the Sun
- C the number of moons that orbit the planet
- D the gases that make up the planet's atmosphere