

Directions: Choose the letter of the correct answer.

\_\_\_\_\_ 1. Which of the following is the best description of the hydrosphere?

- A. It is only composed of liquid water on earth.
- B. It is only composed of surface water on earth.
- C. It is the mixture of gases that surround the earth.
- D. It is composed of all the waters on earth including glaciers and groundwater.

\_\_\_\_\_ 2. Which biophysical component of the earth is composed of all the living organisms on earth, including those in the land, water, and air?

- A. biosphere
- B. atmosphere
- C. geosphere
- D. hydrosphere

\_\_\_\_\_ 3. Earth's core is mostly composed of what elements?

- A. iron and silicon
- B. oxygen and silicon
- C. iron and nickel
- D. copper and nickel

\_\_\_\_\_ 4. On which part of the atmosphere do meteors usually burn up?

- A. troposphere
- B. mesosphere
- C. stratosphere
- D. thermosphere

\_\_\_\_\_ 5. On which part of the atmosphere is the area of aurora and satellites?

- A. troposphere
- B. mesosphere
- C. stratosphere
- D. thermosphere

\_\_\_\_\_ 6. Which layer produces the Earth's magnetic field?

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

\_\_\_\_\_ 7. Which of the following is NOT a component of the geosphere/lithosphere?

- A. valleys
- B. volcanoes
- C. glaciers
- D. mountains

\_\_\_\_\_ 8. Which of the following best describes the troposphere?

- A. It is above the mesosphere.
- B. It extends up to 50 kilometers high.
- C. It is the region where the ozone layer is found.
- D. It is the densest layer where almost all of weather types occur.

\_\_\_\_\_ 9. What is the most abundant gas in the atmosphere?

- A. oxygen
- B. nitrogen
- C. hydrogen
- D. carbon dioxide

\_\_\_\_\_ 10. What is the lithosphere composed of?

- A. It is composed of the mantle only.
- B. It is composed of the crust and upper mantle.
- C. It is composed of the lower mantle and outer core.
- D. It is composed of the continental and oceanic crust.