

Name:

Grade & Section:

Date

MULTIPLE CHOICE

Directions: Read carefully each item and choose the letter of the correct answer. Write your answers on a separate sheet of paper.

- ___ 1. Which of the following describes a habitable Earth?
 - A. has a weak magnetic field
 - B. right distance from the Sun
 - C. dominant presence of solid ice
 - D. presence of oxygen in the hydrosphere

- ___ 2. Which of the following is NOT one of the reasons why the hydrosphere is important?
 - A. It sustains various life forms
 - B. It helps in regulating the atmosphere
 - C. It plays an important role in ecosystems
 - D. It plays a major role in the movement of tectonic plates

- ___ 3. Which of the following is NOT a correct description of oxygen gas (O₂)?
 - A. use by animals for respiration
 - B. taken in by plants for photosynthesis
 - C. converted to carbon dioxide during respiration
 - D. a colorless, odorless, tasteless gas essential to living organisms

- ___ 4. Which of the following describes a Goldilocks Zone?
 - A. a zone composed mainly of frozen water
 - B. a region where life is impossible to exist
 - C. a zone composed only of rocks and other celestial debris
 - D. an area where the temperature is not too hot and not too cold

- ___ 5. Which of the following is an important characteristic of earth in sustaining life?
 - A. Earth's position beyond the Goldilocks Zone
 - B. The atmosphere that blocks the rays of the sun from reaching Earth
 - C. The abundant nitrogen in the atmosphere made life possible on Earth
 - D. The presence of liquid water which plays a vital role for cell's metabolism

- ___ 6. Which of the following is the reason for the importance of Earth's subsystems?
 - A. The subsystem influence Earth's encounter with space objects.
 - B. The subsystems solely determine the survival of different organisms
 - C. The subsystems contribute scarcely in flow of matter and energy
 - D. The subsystems influence the climate, geological processes, and life on Earth.

- ___ 7. Why is the ozone layer important in sustaining life on earth?
 - A. It is where Earth satellites orbit and auroras show.
 - B. It influences hydro-meteorological phenomenon such as storms.
 - C. It shields the Earth the Sun's ultraviolet radiation and keeps the planet warm.
 - D. It is where celestial objects get burned and disintegrated upon entering Earth.

__8. Which subsystem helps regulate the temperature of the Earth so we do not experience too much hotness or coldness.

- A. Biosphere B. Lithosphere C. Atmosphere D. Hydrosphere

__9. Which subsystem do bodies of water surround the Earth a part of?

- A. Hydrosphere B. Geosphere C. Biosphere D. Atmosphere

__10. In which subsystem are gases such as oxygen gas, water vapor, and nitrogen gas found?

- A. Hydrosphere B. Geosphere C. Biosphere D. Atmosphere