

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 (O<sub>2</sub>)?
  - 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