

Date: \_\_\_\_\_

Name: \_\_\_\_\_

Class: \_\_\_\_\_

1  Why is earth's nickname "the blue planet"?

- A Because 70 percent of it is covered in water
- B Because its clouds appear blue from space
- C Because snow-peaked mountains appear blue from space
- D Because its sky is blue

2 What keeps earth's temperature at the proper level for life?

- A Its polar ice caps
- B Its distance from the sun
- C Its metallic core
- D Its magnetic field

3  What is the relationship between carbon and life on earth?

- A The first living creatures consisted of individual carbon atoms
- B All life on earth ingests carbon
- C All life on earth breathes in carbon dioxide
- D All life on earth is based on carbon

4 How big is the earth compared with the other planets in the solar system?


- A Fifth-largest
- B Fourth-largest
- C Third-largest
- D Second-largest

5 Which choice accurately describes the function of the earth's atmosphere?

- A It absorbs all radiation from the sun
- B It blocks harmful radiation but traps warmth
- C It reflects all the radiation from the sun
- D It absorbs light radiation but blocks heat radiation

6 Which of the following is an opinion about the earth?

- A Its atmosphere is 21 percent oxygen
- B It is the only planet in the Universe that can support life
- C Its core is made out of iron
- D Its atmosphere is mostly nitrogen

7  What might happen if the Earth did not have a magnetic field?

- A The planet would immediately become too cold
- B The planet would immediately become too hot
- C The oxygen in the atmosphere might dissipate
- D We might be bombarded by dangerous cosmic rays

8 Water is essential for life on earth. In the previous sentence, what does "essential" mean?

- A Helpful
- B Useful
- C Necessary
- D Optional

9 Which factor is responsible for Earth's gravity?

- A Its spin
- B Its tilt on its axis
- C Its mass
- D Its water

10 Which term best describes the outer core of the Earth?

- A Solid
- B Liquid
- C Molten
- D Gaseous