

Advanced Paragraph Correction 8

Directions: Read the passage below. Then answer questions about errors in the passage.

The atom is the basic building block of matter. One interesting aspect of the atom is its spatial composition. 1) Surprisingly, it is largely built from empty 2) space its nucleus made of protons and neutrons, 3) makes up only about a billionth of the atom itself. Another surprising aspect of the atom is its structure. 4) Because most of us maintain a mental model of the atom's nucleus being orbited by discrete electrons, the 5) reality is way different than that traditional depiction. Scientists now prefer to describe the movement of electrons around the nucleus as a so-called 6) "wave-pattern cloud". In addition, models predicting the placement of electrons *within* the cloud 7) is described as one probability among many, 8) instead than depicting planet-like electrons orbiting a sun-like nucleus.

1)

- A. made from
- B. composed of
- C. designed of
- D. been calculated by
- E. a product of

2)

- A. space, it's nucleus
- B. space. it's nucleus
- C. space - it's nucleus
- D. space - its nucleus,
- E. space: its nucleus,

3)

- A. creates
- B. comprises
- C. establishes
- D. produces
- E. Correct as is

4)

- A. However
- B. Instead
- C. Although
- D. Conversely
- E. Even if

5)

- A. reality much more sophisticated than
- B. reality is not nearly as close to
- C. reality differs considerably from
- D. actuality is not so simple as
- E. fact is not as clear as

6)

- A. "wave-pattern cloud".
- B. "wave-pattern cloud."
- C. wave-pattern cloud?"
- D. "wave-pattern cloud,"
- E. "wave-pattern cloud!"

7)

- A. are now being described
- B. are now a figure
- C. now are described
- D. describe
- E. Correct as is

8)

- A. rather than
- B. notwithstanding
- C. instead of
- D. however
- E. Both A and B are correct
- F. Both A and C are correct