

## Understanding of Tectonic Plates

### 1. What are tectonic plates?

- A) Large, moving pieces of the earth's crust
- B) The molten rock beneath the earth's surface
- C) The layers of rock that make up the earth's mantle

### 2. How do tectonic plates move?

- A) They float on the molten rock beneath the earth's crust
- B) They are pushed and pulled by the earth's magnetic field
- C) They rotate around the earth's axis

### 3. What are some of the geological events caused by the movement of tectonic plates?

- A) Earthquakes and volcanic eruptions
- B) The formation of mountains and ocean trenches
- C) Changes in the earth's climate

### 4. How fast do tectonic plates move?

- A) Several centimeters per year
- B) Several meters per year
- C) Several kilometers per year

### 5. Why is it important to study tectonic plates?

- A) To better understand and prepare for natural disasters
- B) To predict future changes in the earth's climate
- C) To learn more about the earth's history and structure

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### Answer Sheet

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- 2) They float on the molten rock beneath the earth's crust
- 3) Earthquakes and volcanic eruptions
- 4) Several centimeters per year
- 5) To better understand and prepare for natural disasters