ECAT Pre General Science English Chapter 8 Comprehension Online Test

Sr	Questions	Answers Choice
1	Today, Mike and his mom are going to the library. Mike wants to find a book to read. His Mom wants to use a computer there. When they get ot the library. Mike finds a book about detectives. He also finds a book with chapters about a friendly ghost. Finally, he finds a book about a man who lives in the woods without food or water.He puts the books on the front desk and waits for his mom.Mike's mom sit at one of the computers in the library. She checks er email and looks at pictures of flowers on the internet. Then she reads a news article on a website. Mike's mom leaves the computer and walks over to Mike, holding up something out for him. Mike looks at her quizzically, It takes him a moment to recognize w that movie for us to watch tonight, " says Mike's mom"Sure,"Mike says, now holding the movie out in front of him. He reads the cover while walking back to the library entrance. He puts his books and the movie on the front desk to check out.A librarian stands behind the counter holding an electronic scanner. "How long can we keep them?"Mike asks her."Three weeks, "says the librarian."Cool,"says Mike.Suddenly, Mike is surprised. His mother is checking out something else that is too big to put on the desk. It's a picture of the ocean."What is that for?"Mike asks."To put on our wall at home, "says Mike's mom.:You can do that?"Mike asks.Mike's mom smiles at the librarian. "Yes, "she says, " but we have to return it in three months."Based on the books Mike finds to check out, we can tell that he is interested in	A. science B. nature C. mystery D. adventure
2	Have you ever wondered what keeps a hot air balloon flying? The same principal that keeps food frozen in the open chest freezers at the grocery store allows hot air balloons to fly. It's very basic principle: Hot air rises and cold air falls. So while the super-cooled air in the grocery store freezer settles down around the food , the hot air in a hot air in a hot air balloon pushes up, keeping the balloon floating above the ground. In order to understand more about how this principal works in hot air balloons, it helps to know more about hot air balloons themselves. A hot air balloon has three major parts: the basket, the burner, and the envelope. The basket is where passengers ride. The basket is usually made of wicker. This ensures that it will be comfortable and add little extra weight. The burner is positioned above the passenger's heads and produced a huge flame to heat the air inside the envelope. The envelope is the colorful fabric balloon that holds the hot air. When the air inside the envelop is heated, the balloon rises. The pilot can control the up-and-down movements of the hot air balloon by regulating the heat in the envelope. To ascend, the pilot heats the air in the envelope. When the pilot is ready to land, the air in the balloon is allowed to cool and the balloon becomes heavier than air. This make the balloon descend. Before the balloon is launched, the pilot knows which way the wind is blowing. This means that she has a general idea about which wau the balloon will go. But, sometimes the pilot can actually control the direction that the balloon flies while in flight. This is because the air above the ground is sectioned into layers in which the direction of the wind may be different. So even though the pilot can't steer the balloon, she can fly higher or lower into a different layer of air. Some days the difference between the directions of the wind between layers is negligible. But other days the difference is so strong that it can actually push the balloon in a completely different directionIf the hot air balloon pilot wants to change directions during flight, what might he or she do to accomplish this?	A. head toward a mountain peak B. wait for it to rain C. fly into a cloud D. fly higher
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7	Elephants on the coast of Thailand are acting strange. They stamp their feet and motion toward the hulls. The sea draws back from the beaches. Fish flop in the mud. Suddenly, a huge wave appears. This is no ordinary wave. It is a tsunamiTsunami (pronounced "soo-nah-mee") waves are larger and faster than normal surface waves. A tsunami wave can travel as fast as a jet plane and can be as tall as a ten-story building. Imagine dropping a stone into a pond. The water on the surface ripples. A tsunami is like a very powerful ripple. Tsumais begin when the ocean rises or falls very suddenly. Large amounts of seawater are displaced. This movement causes huge waves.For a tsunami to occur, there must be some kind of force that causes the ocean water to become displaced. Most trunamis are caused by underwater earthquakes. however,volcanoes, landslides, large,icebergs, and even meteorites are capable of causing one of these mighty waves.Trunamis are extremely powerful. Ordinary waves lose power when they break. Tsunami waves can remain powerful for several days. Because tsunami waves are so strong, they can kill people, damage property , and completely ruin an ecosystem in just one hour.Scientist have no way of predicting when a tsunami will hit. However, if a powerful enough earthquake occurs,scientists can issue a warning or a watch. A warning means that a tsunami will very likely hit soon. A watch means that conditions are favorable for a tsunami. When people are notified about a watch or a warning, they have more time to prepare. It is best not to get caught unaware when a tsunami is on the way. Tsunami cause so much destruction because they	A. cannot be predicted by scientists B. break on the coast, unlike normal waves C. are caused by volcanoes, landslides and meteorites D. can be as tall as a ten-story building
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9	Elephants on the coast of Thailand are acting strange. They stamp their feet and motion toward the hulls. The sea draws back from the beaches. Fish flop in the mud. Suddenly, a huge wave appears. This is no ordinary wave. It is a tsunamiTsunami (pronounced "soo-nah-mee") waves are larger and faster than normal surface waves. A tsunami wave can travel as fast as a jet plane and can be as tall as a ten-story building. Imagine dropping a stone into a pond. The water on the surface ripples. A tsunami is like a very powerful ripple. Tsumais begin when the ocean rises or falls very suddenly. Large amounts of seawater are displaced. This movement causes huge waves.For a tsunami to occur, there must be some kind of force that causes the ocean water to become displaced. Most trunamis are caused by underwater earthquakes. however,volcanoes, landslides, large,icebergs, and even meteorites are capable of causing one of these mighty waves.Trunamis are extremely powerful. Ordinary waves lose power when they break. Tsunami waves can remain powerful for several days. Because tsunami waves are so strong, they can kill people, damage property , and completely ruin an ecosystem in just one hour.Scientist have no way of predicting when a tsunami will hit. However, if a powerful enough earthquake occurs,scientists can issue a warning or a watch. A warning means that a tsunami will very likely hit soon. A watch means that conditions are favorable for a tsunami. When people are notified about a watch or a warning, they have more time to prepare. It is best not to get caught unaware when a tsunami is on the way. As used paragraph, 'displaced' most nearly means	A. moved out normal place B. pushed by human force C. sloshed around quickly D. pulled to great heights
10	Elephants on the coast of Thailand are acting strange. They stamp their feet and motion toward the hulls. The sea draws back from the beaches. Fish flop in the mud. Suddenly, a huge wave appears. This is no ordinary wave. It is a tsunamiTsunami (pronounced "soo-nah-mee") waves are larger and faster than normal surface waves. A tsunami wave can travel as fast as a jet plane and can be as tall as a ten-story building. Imagine dropping a stone into a pond. The water on the surface ripples. A tsunami is like a very powerful ripple. Tsumais begin when the ocean rises or falls very suddenly. Large amounts of seawater are displaced. This movement causes huge waves.For a tsunami to occur, there must be some kind of force that causes the ocean water to become displaced. Most trunamis are caused by underwater earthquakes. however,volcanoes, landslides, large,icebergs, and even meteorites are capable of causing one of these mighty waves.Trunamis are extremely powerful. Ordinary waves lose power when they break. Tsunami waves can remain powerful for several days. Because tsunami waves are so strong, they can kill people, damage property , and completely ruin an ecosystem in just one hour.Scientist have no way of predicting when a tsunami will hit. However, if a powerful enough earthquake occurs,scientists can issue a warning or a watch. A warning means that a tsunami will very likely hit soon. A watch means that conditions are favorable for a tsunami. When people are notified about a watch or a warning, they have more time to prepare. It is best not to get caught unaware when a tsunami is on the way. This passage is mostly about	A. how to prepare of tsunamis B. scientists who predict tsunami waves C. similarities and differences between wave types D. causes and effects of tsunamis