Q.O.D.

11-12 to 11-15

**Tuesday 11-12**

Q.O.D#21

 Petrified palm trees are found in sedimentary rock near glaciers. The presence of the petrified palm trees MOST likely provides evidence for which statement?

1. There was once more water in the area
2. The area was once grassland
3. The climate in the area was once tropical. \*\*
4. There were active faults in the area

**Wednesday 11-13**

Q.O.D. #22

 A scientist searches for fossils in sedimentary rocks. Which statement BEST explains why the scientist is more likely to find fossils in sedimentary rocks than in other rock types?

1. A mold can form when an organism is buried in sediment \*\*
2. Most organism live in areas where sedimentary rocks are found
3. Other rock types are difficult to examine compared to sedentary rocks
4. Sedimentary rocks are the most common rock type on Earth

**Thursday 11-14**

Q.O.D. #23

Which of these provides the best evidence that an environmental change has occurred?

1. Freshwater lake in the mountains
2. Marine fossils in a fresh water lake. \*\*
3. Saltwater clams in the ocean
4. A sandy beach next to the ocean

**Friday 11-15**

Q.O.D #24

 What is an unconformity?

a discontinuity in rock sequence indicating interruption of sedimentation, commonly accompanied by erosion of rocks below the break.