GeoScience Videos Quiz for Transform Plate Boundaries

1. What are the relative directions of motion on either side of a transform boundary?
   a) Plates move apart
   b) Plates move toward each other
   c) Plates slide past each other

2. Which boundaries have examples of transform plate boundaries? The boundaries between the:
   a) Nazca and South American plates
d) Scotia plate and Antarctica plate
   b) Pacific plate and North American plate
e) Caribbean and North American plate
   c) Pacific and Indian-Australian plate

3. Examine the idealized map that shows the location of two segments of oceanic ridge separated by a transform plate boundary. Where do earthquakes occur?
   a) Between A and D
   b) Between B and C
   c) From A to B and C to D

4. The presence of volcanic hot spots is characteristic of transform plate boundaries.
   a) True
   b) False

5. Examine the idealized maps which illustrate an oceanic ridge (double lines) separated by a transform boundary. Which image shows the correct plate motions associated with the transform boundary?
   a) A
   b) B
   c) C
   d) D

6. The Pacific plate is moving __________ relative to the North American plate along the San Andreas Fault system.
   a) West
   b) East
   c) South
   d) North

Answer Key: 1. c 2. b 3. d 4. b 5. a 6. d