True or False

Seafloor spreading occurs when a plate subducts under another plate.

The South American Andes are created because of transform boundaries.

Hot Spots can occur without being on a plate boundary.

Sea Floor spreading may eventually lead to oceanic continental crust collision.

There are 3 types of stress caused by tectonic activities.

Folding is the displacement of rock formations on either side of a crust fracture.

Multiple Choice

1) The exposed nucleus of a continent is known as
   A) Continental Shield  B) Craton  C) Fault  D) Ridge

2) Both Sea Floor spreading and subduction lead to
   A) Underwater Ridges  B) Faults  C) Creation of Continental Crust  D) Creation of oceanic crust

3) Tension stress will result in a strain known as
   A) Shortening  B) Stretching  C) Shearing  D) Twisting laterally

4) A surface expression that occurs with a reverse fault is known as
   A) Bending  B) Thinning  C) Breaking  D) Folding

5) Reverse, Normal, and Strike Slip are all types of
   A) Faults  B) Folds  C) Mountains  D) Plate Boundaries

6) Along a transform boundary
   A) There is creation of new crust  B) There is vertical displacement  C) There is no creation of crust or subduction  D) There is a reverse fault

7) An example of a hot spot is
   A) Andes  B) Sierra Nevada  C) Cascades  D) Hawaii

CRITICAL THINKING

1) How is new continental crust formed?
2) How are plate Boundaries associated with Faults?
3) What plates caused the Chilean earthquake?