Assignment-1

The due date for submitting this assignment has passed. As per our norms you have not submitted this assignment.

1. Notice plate subducting beneath the South American plate, resulting into the formation of______________
   
   Accepted Answers:
   - Alpine belt
   - Andes Mountain
   - Himalaya Mountain
   - Subduction zone

   r point

2. At what scale do we need to study the tectonics of 2004 Sumatra-Andaman earthquake chain?
   
   Global scale
   - Regional scale
   - Local scale
   - All of the above

   r point

3. The term __________ refers to those tectonic processes that deform the Earth's crust on a time scale of significance to human society.
   
   tectonics
   - geomorphology
   - oceanography
   - meteorology

   r point

4. 2005 Tsunami caused in which more than 125,000 people died, occurred along the______________
   
   Trench fault
   - Kashiwazaki fault
   - Kashiwazaki Kariwa fault
   - Kashiwazaki fault

   r point

5. What was the moment magnitude of 2004 Sumatra-Andaman Earthquake?
   
   9.3
   - 9.1
   - 9.2
   - 9.0

   r point

6. Around 80 Ma ago Indian plate started the journey and collided with the Eurasian plate resulted into the formation of Himalaya
   
   North-East
   - South-East
   - South-West
   - North-West

   r point

7. Assessment of earthquake hazard at a particular site is a efforts to minimize hazard and risk included identification of
   
   Geometric pattern of fault
   - Geometric pattern of active
   - Geometric pattern of inactive
   - All of the above

   r point

8. Suppose an area is affected by the earthquake of moment magnitude 8.0, what would be the possible surface rupture occur in that region?
   
   20 km
   - 15 km
   - 10 km
   - 30 km

   r point

9. Tectonic movements that took place during Late Cenozoic i.e. during the transition of Tertiary (15-8 Ma) and Quaternary period (1 Ma to present) r point
   
   - Plate tectonics
   - Seismotectonics
   - Active Tectonics
   - None of the above

   r point

10. In most of the seismically active regions, Paleoseismic study can provide significant data about
    
    - Recognition of old earthquake events
    - Behavior of individual active fault segments
    - Slip rate of fault
    - All of the above

    r point

11. Accepted Answers:

    - All of the above
    - North-East
    - South-East
    - South-West
    - North-West

    r point

Due on 2020-02-12, 23:58 IST.