Assignmet 3

The due date for submitting this assignment has passed. As per our records you have not submitted this assignment. Due on 2019-02-20, 23:59 IST.

1) The location of maximum damage caused due to an earthquake is at:

- Same everywhere
- Epicenter
- Focus
- None of the above

No, the answer is incorrect.
Score: 0
Accepted Answers:
Epicenter

2) The “thermal convection hypothesis current hypothesis” was proposed for explaining the distribution of Sial, Sima, continents and oceans by?

- Alfred Wegner
- Arthur Holmes
- Pratt
- J.T. Wilson

No, the answer is incorrect.
Score: 0
Accepted Answers:
Arthur Holmes

3) The Himalayan is a collision zone where the Eurasian plate _____________ the Indian Plate.

- overriding
- subducting

No, the answer is incorrect.
Score: 0
Accepted Answers:
overriding
4) Tectonic plates are essentially what regions of the Earth:

- Inert/Aseismic
- Active/Mobile
- Oldest/immobile
- Recent/Active

No, the answer is incorrect.
Score: 0
Accepted Answers:
Active/Mobile

5) The highest magnitude of the earthquake in the collision zone, such as the himalayan belt, will range between:

- 5-6 Mw
- 6.5-7.5 Mw
- 7.5-8.5 Mw
- 8.7-9.2 Mw

No, the answer is incorrect.
Score: 0
Accepted Answers:
7.5-8.5 Mw

6) When the fault angle is greater than 45 degree then the fault is termed as:

- Normal Fault
- Thrust Fault
- Reverse Fault
- Transform Fault

No, the answer is incorrect.
Score: 0
Accepted Answers:
Reverse Fault

7) Isoseismal denotes contour or line on a map showing an area experienced:

- similar arrival time of an earthquake
- similar earthquake intensity
- similar P wave velocity
- similar damage pattern

No, the answer is incorrect.
Score: 0
Accepted Answers:
similar earthquake intensity

8) In the Indo-Gangetic plain, the major devastation during an earthquake will be from:

- Liquefaction
- Active Faults
- Tsunami
- Lahars

No, the answer is incorrect.
9) To produce a normal fault:
- the maximum stress axis is horizontal
- the maximum strain axis is horizontal
- the maximum stress axis is vertical
- the maximum strain axis is vertical

No, the answer is incorrect.

Score: 0
Accepted Answers:
- the maximum stress axis is vertical

10) ___________ is manifestation of the crustal deformation by displaced landforms on the earth's surface in past ____________.
- Thrust Fault & 10,000 years
- Normal Fault & 1000 years
- Active faults, 100,000 years
- Active faults, 10,000 years

No, the answer is incorrect.

Score: 0
Accepted Answers:
- Active faults, 10,000 years