Week 4 Assignment

Due on 2020-10-14, 23:59 IST

1. a. Find the moment of the earthquake described in the diagram below.

b. Describe the location of the earthquake.

c. Find the depth of the earthquake.

2. a. How does earthquake magnitude relate to earthquake intensity?

b. What is the relationship between earthquake magnitude and earthquake intensity?

3. a. How does the distance from an earthquake affect the intensity of the earthquake?

b. What is the relationship between earthquake distance and earthquake intensity?

4. a. What is the significance of the Richter scale?

b. How does the Richter scale help in understanding earthquake intensity?

5. a. What is the impact of earthquake intensity on human settlements?

b. How does earthquake intensity affect human settlements?

6. a. What is the relationship between earthquake magnitude and earthquake intensity?

b. How does earthquake magnitude relate to earthquake intensity?

7. a. What is the significance of the moment magnitude scale?

b. How does the moment magnitude scale help in understanding earthquake intensity?

8. a. What is the relationship between earthquake magnitude and earthquake intensity?

b. How does earthquake magnitude affect earthquake intensity?

9. a. How does the distance from an earthquake affect the intensity of the earthquake?

b. What is the relationship between earthquake distance and earthquake intensity?

10. a. How does earthquake intensity affect human settlements?

b. What is the impact of earthquake intensity on human settlements?