

**Lecture Sheet-4**

**Chapter: 6 Climate and Disaster**

**Topic-4: Earthquakes**

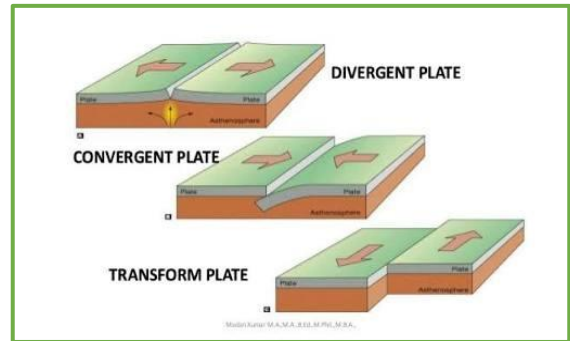
**Notes:**

- **At first read the related topic from the text book.**



- **Earthquake:**  
Earthquake is a sudden violent shaking of the ground, typically causing great destruction, as a result of movements within the earth's crust or volcanic action.
- **Causes of earthquakes:**  
Earthquakes are caused due to sudden lateral or vertical movements in the crust of the earth.  
**It happens by both man-made and natural reason.**

1. Natural reason:
  - a) Volcanic Eruptions.
  - b) Tectonic Movements.
  - c) Geological Faults (and)
  - d) Minor Causes



2. Man-made reason:
  - a) Induced by dam
  - b) Mining or extraction of groundwater, oil and gas.
  - c) Waste Storage operations
  - d) Nuclear Bombing etc.



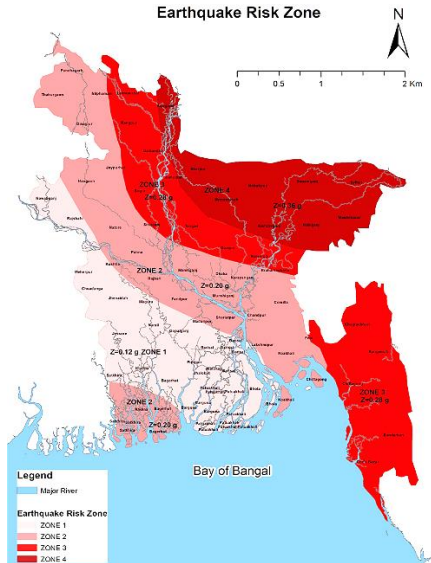
- **Effects of earthquakes:**

We all know that the effects of earthquake are terrible.

- a) Several buildings collapsed, hospital, school and whole city destroyed.
- b) Lots of people gets injured and killed.
- c) Many people lose their shelter.
- d) Some environmental effects occur due to earthquake are surface faulting, tsunamis etc.

- **Endangered area of Bangladesh:**

Bangladesh is at risk of earthquakes because of its geological position. North-east zone is the most risk ( Kurigram, Sunamgonj, Sylhet, Hobigonj etc).



- **Precautions to face the risk of earthquake / 7 Things we should do at the time of earthquakes:**

- a) Stay completely calm.
- b) If you are in bed, cover your head with a pillow.
- c) Shelter under a wooden table or other strong furniture.
- d) Stay away from balconies or furniture that could fall.
- e) If you are in a building, stand under a beam.
- f) After the first shock, leave the building and stay outside.
- g) Keep first aid supplies ready.



**A. One Sentence Question.**

- 1. What is earthquake?**
- 2. What is the cause of an earthquake?**
- 3. What happens after earthquake strikes?**
- 4. Which divisions is in the zone most prone to earthquakes?**

**B. Creative Question.**

- 1. What is earthquake? Why is Bangladesh at the risk of earthquake?  
Write 4 precautions to face the risk of earthquake. (2018)**
- 2. Write down 5 things you should do at the time of earthquakes?  
[2016]**

- PS: \* Study the lecture sheet. Here is included the PEC questions. Please find the answers in the work sheet-4.**
- \* What you have learnt today, that you have to orally share the lesson with your afternoon teacher.**
  - \* Revision will be on-20-05-2020, Wednesday.**
  - \* CHT will be on \_\_\_21-05-2020, Thursday.**

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Thank you  
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