

Disaster Management  
6th sem Civil Engg

Chapter 1: Introduction

02 marks questions

1. Define hazard?
2. Define disaster?
3. What is Risk?
4. What is vulnerability?
5. What is mitigation?
6. What is preparedness?
7. What is community?
8. What is awareness?
9. What are various types of disasters?
10. Simply explain risk, hazard, disaster and vulnerability by snake-bite example.

05 marks questions

1. Define concept of risk and vulnerability?
2. Differentiate between personal and community awareness?
3. Write briefly about different types of disasters.

10 marks questions

1. Explain in detail about disaster management cycle?

## Chapter: 2 Earthquakes

02 marks questions

1. What is earthquake?
2. What is intensity of earthquake?
3. What is Richter scale?
4. What are Indian standard codes for earthquake?
5. How earthquake occurs?
6. What is epicentre?
7. What is focus?
8. How earthquake occurs?
9. What is P-wave & S-wave?

05 marks questions

1. What are the elements at risk during earthquake?
2. Write about earthquake hazard zones in India.
3. Briefly explain the effect of earthquake?

10 marks question

1. Explain about main mitigation strategies and engg. practices for earthquake.

### Chapter : 3 ▷ Tsunami

02 marks question

1. What is tsunami?
2. What are the types of tsunami?
3. Write about cases of tsunami?

05 mark questions

1. Write about onset of tsunami?
2. What are the warnings of tsunami?
3. What are the effect of tsunami?
4. What are the specific preparedness of tsunami?
5. How tsunami occurs?

10 mark question

1. Explain the mitigation strategies of tsunami.

## Chapter 4 > Landslide

02 mark question

1. What is landslide?
2. How landslide occurs?

05 marks question

1. Briefly explain the onset type of landslide.
2. Mention in bullet points about various warning during landslide.
3. What are the elements at risk during landslide?
4. What are the effects during landslide?
5. Write in brief about causes of landslide?
6. What are the hazard zones of landslide and mention briefly about Indian landslide

10 marks questions

1. Explain about mitigation strategies of landslide.

# Cyclone

## 02 marks questions

1. What is cyclone?
2. How cyclone occurs?
3. What is tropical cyclone?
4. What is meso cyclone?
5. What is polar cyclone?
6. What are the types of cyclones based on the wind speed?

## 05 marks questions

1. Briefly describe types of cyclone.
2. Describe how cyclone occurs.
3. What are warnings of cyclone?
4. What are the elements at risk of cyclone?
5. Describe effects of cyclone?
6. What are the hazard zones in cyclone?

10 marks questions

---

1. Explain the mitigation strategies of cyclone in detail.

FLOOD

02 mark questions

1. What is flood?
2. How flood occurs?
3. What is flash flooding?
4. Write about hazard zones of flood and indian floods

05 mark questions

1. What are the types of flood?
2. Describe about the warning system of floods?
3. What are the elements at risk during flood?

4. What are the effects of flood?

10 marks question

1. Briefly discuss about the mitigation strategies of flood.

## DROUGHT

02 mark question

1. What is drought?
2. What are the causes of drought?
3. Briefly write about the types of drought?

05 mark question

1. What are the warnings of drought?
2. What are the elements at risk during drought?
3. What are the effects of drought?

10 mark question

1. Write about mitigation strategies of drought.

## \* FOREST FIRE \*

02 mark questions

1. What is forest fire?
2. What is fire triangle?
3. What are the types of forest fire?
4. How forest fire occurs?

05 mark questions / 10 marks questions

1. What are the forest fire damages in India?
2. Briefly describe about fire management system and organizations?
3. Briefly describe about community involvement during forest fire?
4. Why fire management is needed?
5. What are the public policies and organization concerning fire?



## Other types of hazard & disaster

### 02 mark questions

1. What is chemical disaster?
2. What is industrial disaster?
3. What is epidemic?
4. What is pandemic?
5. What is heatwave?
6. How heat wave occurs?

### 05 mark questions

1. What are the effects of chemical and industrial disaster?
2. What are the preparedness of chemical and industrial disaster?
3. What are the causes & effect of epidemic?
4. What are the risk reduction measures for epidemic?

5. What are the danger and effect of heatwaves?
6. Write in brief about the awareness of heatwave
7. Briefly describe about the forecasts and warning of heatwaves

\* Policy, Planning & Inst. for dist. mitigation \*

02 mark question

1. What is policy?
2. What is planning?
3. What is mitigation?

05 mark/10 mark questions

1. Role of policy makers in disaster risk reduction & course for specific action.

2. Explain about institution arrangement in India about disaster risk reduction.

3. Briefly write about national & state level institution in disaster risk reduction measures.

Best of luck for  
exams

