



**Programme: B. Tech (CSE)**  
**Course: Disaster Management**  
**Course Code:3MC201**  
**Enrolment no. \_\_\_\_\_**

**Full Marks: 70**  
**Time: 3 Hrs.**

Q.No.	Questions	CO	Bloom Taxonomy Category	Marks
<b>Section I</b>				
1	<b>Short Answer type questions.</b>			<b>4 x 5 = 20</b>
a	Discuss the importance and scope of disaster management in mitigating risks and reducing losses.	CO1	Understand	
	or			
b	Explain how vulnerability and risk influence the impact of disasters.	CO1	Understand	
	or			
c	Explain how climate change contributes to the increasing frequency of hydro-meteorological disasters.	CO2	Understand	
	or			
d	Define disaster mitigation and explain its key concepts.	CO2	Remember	
	or			
e	Explain the role of early warning systems in disaster preparedness.	CO3	Remember	
	or			
f	Describe the importance of coordination among different agencies in disaster mitigation.	CO3	Understand	
	or			
g	Describe the difference between structural and non-structural mitigation with examples.	CO2	Understand	
	or			
h	Describe the concept of land use planning to reduce disaster risks in an urban area.	CO2	Understand	
	or			
<b>Section II</b>				
	<b>Long Answer type questions.</b>			<b>3 x 10 = 30</b>
2	Describe the relationship between hazards and disasters with relevant examples.	CO2	Understand	
	or			
3	Differentiate between mitigation and preparedness in disaster management.	CO2	Analyze	
	or			
4	Describe the biological disasters in relation to epidemics, pest attacks & forest fire.	CO2	Understand	
	or			
5	Analyze the trends in global disasters and discuss the emerging risks due to urbanization and climate change.	CO2	Analyze	
	or			
6	What are the key goals of the Sendai Framework for Disaster Risk Reduction (SFDRR)?	CO3	Remember	
	or			
7	Analyze the role of regulations and policies in ensuring disaster-safe construction and infrastructure.	CO3	Analyze	
	or			
<b>Section III</b>				
	<b>Application based questions</b>			<b>1 x 20 = 20</b>
8	Demonstrate how technology can be used for disaster management, with real-life examples.	CO4	Apply	
	or			
9	Analyze the effectiveness of capacity development and awareness programs in reducing disaster risks.	CO4	Analyze	

**COURSE OUTCOME**

CO1: Understanding foundations of hazards, disasters and associated natural/social phenomena.

- CO 2: Familiarity with disaster management theory (cycle, phases)
- CO 3: Knowledge about existing global frameworks and existing agreements (e.g.Sendai)
- CO 4: Methods of community involvement as an essential part of successful DRR.