MAHATMA GANDHI INSTITUTE OF TECHNOLOGY (Autonomous)

M.Tech. II Semester End Examinations

<u>Model Question Paper</u>

Course Title: Disaster Management   **Course Code: AC201HS**

Time   : 3 hours   Max. Marks : 70

(Common to CASE, DECE, PEED, MCT & AI)

Answer any FIVE Questions

(Each question carries 14 marks)

Q. No.	Stem of the question	M	L	CO	PO
	Unit-I				
1. a)	Distinguish the different type of natural and man induced disasters.	7	4	1	6,7
b)	Examine various types of natural disasters in India and highlight their effects	7	4	1	6,7
	Unit-II				
2. a)	What are the factors to be considered while planning the rebuilding works after a major disaster due to earthquake?	7	1	2	6,7
b)	Explain the measures taken during a land slide disaster	7	2	2	6,7
	Unit-III				
3. a)	Outline two important responsibilities of government, which it should perform during period of disaster occurrence?	7	2	3	6,7
b)	How does Meteorological Agencies monitor global weather and climate?	7	1	3	6,7
	Unit-IV				
4. a)	Examine the important components of the National Landslide Risk Management Strategy.	7	4	4	6,7
b)	How Global Co-Operation is important in Risk Assessment.	7	1	4	6,7
	Unit-V				
5. a)	Discuss the different aspects of disaster mitigation through advanced technology.	7	6	5	6,7
b)	Distinguish the difference between Structural Mitigation and Non-Structural Mitigation.	7	4	5	6,7
	a. Unit-I b. Unit-II				
6. a)	Distinguish the difference between disaster and hazard.	7	4	1	6,7
b)	Explain the various drought control measures.	7	2	2	6,7
	a. Unit-III b. Unit-IV				
7. a)	Explain in detail role of preparedness in disaster management.	7	2	3	6,7
b)	Explain various measures taken in India for Disaster Risk Reduction (DRR) before and after signing 'Sendai Framework for DRR.	7	2	4	6,7
	a. Unit-V b. Unit-I/II/III/IV/V				
8. a)	Explain different Strategies of Disaster Mitigation.	7	2	5	6,7
b)	What is the disaster preparedness plan and its various aspects?	7	1	3	6,7

M: Marks; L: Bloom's Taxonomy Level; CO: Course Outcome; PO: Programme Outcome