## POLYTECHNIC, B.E/B.TECH, M.E/M.TECH, MBA, MCA & SCHOOL

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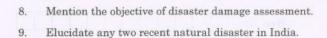
	Reg. No. :
	Question Paper Code: 50708
	B.E./B.Tech. DEGREE EXAMINATIONS, APRIL/MAY 2023
	Fifth/Seventh Semester
	Civil Engineering
	GE 8071 – DISASTER MANAGEMENT
Engineering Engine Telecom Engineer Instrume Engineering Engineerin Engineerin Engineerin	ing/Automobile Engineering/Biomedical Engineering/Civil Engineering/ computer Science and Engineering/Computer and Communication ag/Electrical and Electronics Engineering/ Electronics and Communication agriculture Engineering/ Electronics and Communication Beering/ Electronics and Instrumentation Engineering/Electronics and Biomunication Engineering/ Environmental Engineering/Geoinformatics Bring/Industrial Engineering/ Industrial Engineering and Management/ Beering/Industrial Engineering/ Manufactruing Engineering/Marine By/Material Science and Engineering/Mechanical Engineering/ Mechanical Biog (Sandwich)/Mechanical and Automation Engineering/ Production By/Mechanical Electronics/Petrochemical Engineering/ Production By/Mechanical and Electrochemical Engineering/Pashion Technology/ Food Technology/Handloom and Textile Technology/Information By/Petrochemical Technology/Petroleum Engineering/Pharmaceutical By/Plastic Technology/Polymer Technology/Textile Chemistry/ Textile Technology.
	(Regulations 2017)
Time : Three	
	Answer ALL questions.
	PART A — $(10 \times 2 = 20 \text{ marks})$
1. Disting	guish between Hazard and Vulnerability.
	fy the different types of disaster.
	e the significance of early warning system in disaster.
	the role of State Disaster Management Authority (SDMA)
	the factors affecting vulnerability.
	do you mean by climate change adaption?
	erate the different components of disaster.

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10. List down the different types of floods.

PART B —  $(5 \times 13 = 65 \text{ marks})$ 

 (a) Illustrate and describe each stages involved in the disaster management cycle.

Or

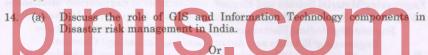
- (b) Narrate the Do's and Don'ts to be followed during the time of earthquake.
- 12. (a) Discuss the roles and responsibility of (PRI/ULB's) local bodies during and disaster.

Or

- (b) Analyze the structural and non-structural mitigation measures for various types of disasters.
- (a) Explain the differential impacts of disasters and its impact on development projects.

Or

(b) Brief the IPCC Scenario in the context of India.



- (b) Explain the Disaster Management Act, it's policies and plans in India.
- 15. (a) Examine the significance of damage assessment, different factors and tools influencing the assessment process.

Or

(b) Describe any recent flood disaster occurred in India and identify the reason and preventive measures to avoid such causes in mere future.

PART C —  $(1 \times 15 = 15 \text{ marks})$ 

16. (a) Analyse the role of different types of media in disaster management.

Or

(b) Considering Bhopal Gas disaster as a case study, brief the applicable principles of disaster management to mitigate the effect of such disaster in future.

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