Paper / Subject Code: 42185 / Disaster Management & Mit	igation Measures
BE SEM-N11/ILOC/SH-2022/19-12-20	722/ ar code-15261
(3 Hours)	1 Otal Marks. 30
Note:	Total Marks: 80
 Question No. 1 is compulsory. Attempt any THREE out of the remaining FIVE questions. 	
2. Attempt any THREE out of the remaining TVD questions 3. Assume suitable data if necessary.	
1 Answer the following (any 4)	(20)
a) Define the terms: Hazard, Vulnerability, Risk	5 5
b) Discuss the Direct and indirect effects of disasters	
c) What is Disaster Scenario of India?	\$\tilde{\sigma} 5 \tilde{\sigma} 5
	5 5
d) Explain types of Manmade disasters.	ning 5
e) What is Climate Change? What are the effects of Global Warm	
2 a) What are different types of flood? Enlist structural mitigat	ion measures for 1.0
2 a) What are different types of flood? Enlist structural mitigat	ion measures for 1.0
flood. b) Explain the types of landslide and factors affecting them.	Give a case study for 10
the same.	
100 monary ible for your and the for your and the for your and the for your and the form your and your	arious types of 10
a) What are different government agencies responsible for va	No.
b) Explain roles and responsibilities of NDMA in detail.	10
a) Discuss the role of GIS and Remote Sensing in disaster m b) Describe the institutional mechanism setup in India.	anagement. 10
b) Describe the institutional mechanism setup in India.	10
5 a) What is role of NGOs in disaster management? Enlist ma	jor NGOs working 10
on disaster management	
ha Eventoin Rio chield and New Wall III detail with Southfield	ing.um.
	10
a) What is Community Base Disaster Management (CBDM useful in Indian scenario.)? Discuss how it is 10
a) What is Community Base Disaster Management (CBDM useful in Indian scenario. b) What are Do's and don'ts in Earthquake, Tsunami and C	yclone? 10

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