N T	-4	(3 Hours		Total Marks: 80
INO	ote:		VL 30,	
2.	Question No. 1 is compulsed Attempt any THREE out of Assume suitable data if necess	the remaining FI	VE questions.	
4	Attornation for a superior			A 1201
1. 2\	Attempt any four questions Explain Rehabilitation and Vuli	norability		[20]
a) b)	What is Rational hazards? Also discuss possibilities of chemical spills in Mumbai.			
c)	Explain the role of various inte			
d)	What do you understand by easystems are not possible?		.01	_ /X.
e)	Explain NDVI and Palmer drou	ght Index		
		SICIE LEPT		
2. a)	Discuss the framework for disa	aster management i	n India.	[10]
2. b)	Explain the role of NDMA in de	etail 🔊		(10)
3. a)	Is rapid depletion of ground w	vater a type of disas	ter? To which ca	tegory does this belongs?
	What are the reasons for this p	problem?		[10]
3.b)	Industrialization is an essenti However industrial disasters of			
S. A.	statement with suitable examp	Z> V = 0.7	Social and cost	[10]
18	The second second		Est VI	
4. a)	Enlist and explain various term			
4. b)	Appraise the role of Geo-infor	matics in disaster m	anagement	[10]
5. a)	Explain in detail the design co	/ O		
	fire resistant facilities that nee	d to be essentially p	provided in a build	ling/industry. [10]
5. b)	Explain in detail, vulnerability,	with reference to ts	unami. List down	the preparatory
	measures for minimizing vulne	erabilities related to	Tsunami.	[10]
CSS	Natural association of the Sir	ot line of Blomes of	ativat matural disa	otovo Cumlojo thio
6. a)	Natural ecosystems act as a fir	C , 7		·
	statement with suitable exampagainst man-made disasters? I		systems also act a	
6. b)	Explain various means of raisir		ting and managin	[10] g disasters [10]
J. 1370	Explain various means of faish	is mance for midga	ung and managm	6 aisasteis [10]

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