

## University of Mumbai

### Examination 2020

Examinations Commencing from 23<sup>rd</sup> December 2020 to 6<sup>th</sup> January 2021 and from 7<sup>th</sup> January 2021 to 20<sup>th</sup> January 2021

Program: Civil Engineering

Curriculum Scheme: Rev2016

Examination: BE Semester: VII

Course Code: CE-ILOC 7017 and Course Name: **Disaster Management and mitigation measures**

Time: 2 hour

Max. Marks: 80

<b>Q1.</b>	<b>Choose the correct option for following questions. All the Questions are compulsory and carry equal marks</b>
1.	Short term effects of disaster is?
Option A:	Loss of economy
Option B:	Mental health problem
Option C:	Hygienic problems
Option D:	Loss of food and shelter
2.	Which of the following is pre disaster stage?
Option A:	Rehabilitation
Option B:	Relief
Option C:	Mitigation
Option D:	Reconstruction
3.	Who is chairperson of national disaster management authority?
Option A:	SUPERINTENDENT OF POLICE
Option B:	CM
Option C:	PM
Option D:	COLLECTOR
4.	Number of sessions in DM act 2005 are _____
Option A:	69
Option B:	79
Option C:	60
Option D:	75
5.	Decorative work of damage comes under which type of building damage?
Option A:	Light damage
Option B:	Moderate damage
Option C:	Heavy damage
Option D:	Structure damage
6.	Partial or total collapse comes under which type of building damage?
Option A:	Light damage
Option B:	Moderate damage

Option C:	Heavy damage
Option D:	Structure damage
7.	High Power Committee is constituted on _____
Option A:	April 2000
Option B:	April 1999
Option C:	August 2000
Option D:	August 1999
8.	Reconstruction is _____ stage.
Option A:	During disaster
Option B:	Post disaster
Option C:	Pre disaster
Option D:	Mitigation
9.	Golden day of survival ?
Option A:	4hrs
Option B:	24hrs
Option C:	40hrs
Option D:	48hrs
10.	Component of search & rescue operation?
Option A:	Education
Option B:	Training
Option C:	Tools
Option D:	Victim
11.	The State government contribute _____ % of Calamity Relief Fund
Option A:	50%
Option B:	25%
Option C:	40%
Option D:	75%
12.	_____ is a Federal and State program designed to protect people and reduce property losses in the event of a tsunami.
Option A:	NTDM
Option B:	NTHMP
Option C:	NTMA
Option D:	NDMA
13.	India is more vulnerable to _____
Option A:	Flood
Option B:	Earthquake
Option C:	Cyclone

Option D:	Draught
14.	Ministry of Defence looks after?
Option A:	War
Option B:	Avalanche
Option C:	Landslide
Option D:	Flood
15.	Disaster caused due to road accidents comes under ministry of _____
Option A:	Railways
Option B:	Road transport & highways
Option C:	Urban development
Option D:	Earth science
16.	Fire is which type of manmade disaster??
Option A:	Industrial
Option B:	Metrological
Option C:	Technological
Option D:	Environmental
17.	Which of the following is cause of disaster in landslide?
Option A:	Building on unstable slope
Option B:	Contamination of ground water
Option C:	High temperature
Option D:	Deforestation
18.	Bhopal gas tragedy is example of _____ type of hazard.
Option A:	Warfare
Option B:	Technological
Option C:	Industrial
Option D:	Environmental
19.	The central government contribute _____ % of Calamity Relief Fund.
Option A:	75%
Option B:	70%-
Option C:	50%

Option D:	60%
20.	_____ is International disaster reduction decade.
Option A:	2000-2010
Option B:	1980-1990
Option C:	1990-2000
Option D:	1995-2005

<b>Q2</b>	<b>Solve any Four out of Six</b>	<b>5 marks each</b>
A	Write a short note on global and Indian disaster scenario.	
B	Classify hazards on the basis of types of hazard.	
C	Write a short note on Global warming	
D	Short note on National Institute of Disaster Management	
E	Enlist functions and responsibilities of NDMA	
F	Write a short note on use of GIS and remote sensing in disaster management.	

<b>Q3.</b>	<b>Solve any Two Questions out of Three</b>	<b>10 marks each</b>
A	Explain causes and effects of flood	
B	What are man-made disaster? Explain with examples citing their catastrophic efforts.	
C	Define structural mapping with classification in brief.	