

University of Mumbai
Examination 2020 under cluster

Program: BE _____ Engineering

Curriculum Scheme: Revised 2016

Examination: Final Year Semester VII

Course Code: ILO 7017 and Course Name: Disaster Management and
Mitigation Measures

Time: 1 hour

Max. Marks: 50

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Note to the students:-All the Questions are compulsory and carry equal marks .

Q1.	Burning of Fossil Fuels leads to:
Option A:	Increases Oxygen level
Option B:	Increases Greenhouse gases
Option C:	Decreases Greenhouse gases
Option D:	Increases Ethane level
Q2.	Which relationship is not true:
Option A:	DISASTER = HAZARD + VULNERABILITY
Option B:	DISASTER = HAZARD - VULNERABILITY
Option C:	DISASTER = HAZARD / VULNERABILITY
Option D:	DISASTER = HAZARD * VULNERABILITY
Q3.	Out of the following which kind of damages are not caused by man to forests :
Option A:	Encroachments
Option B:	Illicit removal of forest produce from the forest
Option C:	Landslides
Option D:	Forest Fires
Q4.	SOPs will be prescribed for activities like 1) evacuation 2) restoration of essential services and communication at disaster site 3)search and rescue 4)medical assistance and casualty management. What is priority order of activities
Option A:	1,2,3,4
Option B:	2,1,3,4
Option C:	3,4,1,2
Option D:	3,4,,2,1
Q5.	Which of the following are crucial to prevent an outbreak of epidemics 1) Post-disaster management of health,2)sanitation 3) hygiene services
Option A:	1 and 2
Option B:	1,2,3
Option C:	2,3
Option D:	3
Q6.	Which of the following is not L0 Activity 1)Training 2)Awareness Activity

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	3)Preparation of Handbook 4)Search and Rescue
Option A:	1
Option B:	2
Option C:	3
Option D:	4
Q7.	GIS uses the information from which of the following sources?
Option A:	Non- spatial information system
Option B:	Spatial information system
Option C:	Global information system
Option D:	Position information system
Q8.	International Red Cross is having HQ at
Option A:	New York
Option B:	Washington
Option C:	Prague
Option D:	Geneva
Q9.	Which of the following required for Assessment Team in first 24 hours a)Survival kit b) assessment equipment c) SAT-phones d) HAM radios
Option A:	a, b
Option B:	a, c
Option C:	a, b, c, d
Option D:	c, d
Q10.	Which Central Government ministry has the overall responsibility for disaster management in the country
Option A:	MHA
Option B:	MoUD
Option C:	MoEF
Option D:	Niti Aayog
Q11.	Who is the Chairperson of NEC, National Executive Committee
Option A:	Home Secretary
Option B:	Finance Secretary
Option C:	Home Minister
Option D:	Finance Minister
Q12.	When was the updated & revised National Disaster Management Plan was prepared
Option A:	2016
Option B:	2019
Option C:	2018
Option D:	2017
Q13.	Capacity building is depends on factor
Option A:	Non-unique training approach

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Option B:	Unique training approach
Option C:	Avoid the training approach
Option D:	Break the training approach
Q14.	Seismic vulnerability maps of the building and prevention plan are
Option A:	Structural measures
Option B:	Earthquake measures
Option C:	General measures
Option D:	Non structural measures
Q15.	An example, structural mitigation would be when a family reinforces there home to
Option A:	Make it more wind proof
Option B:	Make it more material proof
Option C:	Make it more beautiful
Option D:	Make it more attractive
Q16.	An extreme natural phenomenon capable of causing disaster leading to loss of lives or damage to property is known as-
Option A:	Natural hazard
Option B:	Hazard calculation
Option C:	Desertification
Option D:	Risk
Q17.	Individuals shall help themselves and others by considering following points, except:
Option A:	Being aware of local hazards and risks
Option B:	Taking appropriate precautions against possible risks.
Option C:	Help voluntarily for effective arrangements
Option D:	Being panic about the situation and take their own decision
Q18.	Following is a shared responsibility between government and citizens of a country towards building a sustainable ,disaster reselling society?
Option A:	EMS
Option B:	Social media
Option C:	ICS
Option D:	NIDM
Q19.	Where is the Disaster Management Institute located?
Option A:	Bhopal
Option B:	Mumbai
Option C:	New Delhi
Option D:	Kanpur
Q20.	The name of the largest active volcano in the world is
Option A:	Mauna Lao in Hawaii
Option B:	Mount Fuji in Japan
Option C:	Mount Kilimanjaro in Tanzania

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Option D:	Mount Vesuvius
Q21.	The Public Liability Insurance Act, _____ casts a responsibility on the owner of a unit producing hazardous substance, as defined in the Environment (Protection) Act, 1986, to provide immediate relief where death or injury to any person or damage to any property results from any accident to the extent indicated in the Schedule to the Act.
Option A:	1991
Option B:	1995
Option C:	2000
Option D:	2001
Q22.	The information required for the preparation of a Disaster Plan is called :
Option A:	Strategic information
Option B:	Tactical information
Option C:	Operational Information
Option D:	Statutory information
Q23.	Volcanoes are generally found where
Option A:	Intraplates pull apart or are coming together
Option B:	Tectonic plates pull apart or are coming together
Option C:	Earth's crust pull apart or are coming together
Option D:	None of these pull apart or are coming together
Q24.	Effective hazard management largely rely on
Option A:	Government agencies
Option B:	Emergency responses
Option C:	Pre-disaster planning
Option D:	Volcanoes
Q25.	The extent to which a community ,structure , services or geographic area is likely to be damaged or disrupted by the impact of particular hazard is termed as
Option A:	Capacity
Option B:	Vulnerability
Option C:	Risk
Option D:	Hazard assessment