



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad-500043

MASTER OF BUSINESS ADMINISTRATION

ASSIGNMENT QUESTIONS

Course Title	DISASTER MANAGEMENT			
Course Code	CMBB24			
Programme	IMBA			
Semester	II			
Course Type	Foundation			
Regulation	IARE - R18			
Course Structure	Lectures	Tutorials	Practical	Credits
	4	-	-	4
Course Coordinator	Ms. K.L.Revathi, Assistant Professor			
Course Faculty	Ms. K.L.Revathi, Assistant Professor			

I. COURSE OBJECTIVES :

The course should enable the students to:

I	Identify the major disaster types. and their environmental impacts. Develop an understanding of why and how the modern disaster management is involved with Pre-disaster and post-disaster activities.
II	Know the key personnel or specialists related to disaster management and associate them with the types of disasters and phases in which they are useful..
III	Recognize and develop awareness of the chronological phases of natural disaster response and refugee relief operations.

COURSE OUTCOMES (COs):

Students, who complete the course, will have demonstrated the ability to do the following:

CO Code	At the end of the course, the student will have the ability to:
CMBB24.01	Understand the meaning and concept of environmental hazard ED and ES.
CMBB24.02	Discuss different approaches and relation with human ecology land scope approach, ecosystem approach, and perception approach.
CMBB24.03	Explain natural and man-indexed hazards and disasters.
CMBB24.04	Interpret different types of planetary hazards and disaster.
CMBB24.05	Describe the distribution of volcanoes causes and effects of volcanic eruption and also environmental impacts of volcanic eruption.
CMBB24.06	Identify the causes and hazards effects of earthquakes and distribution of earthquakes.
CMBB24.07	Demonstrate of human adjustment perception and mitigation of earthquake.
CMBB24.08	Learn about harmful effects of Infrequent events: Cyclones – Lightning – Hailstorms, Cyclones.
CMBB24.09	Understand Emergency Stage importance and Post Disaster stage- Rehabilitation phase
CMBB24.10	Explain the Biological hazards/ disasters: Population Explosion.

II. TUTORIAL QUESTION BANK

UNIT - I			
ENVIRONMENTAL HAZARDS AND DISASTERS			
Part - A (Short Answer Questions)			
S No	QUESTIONS	Blooms Taxonomy Level	Course Outcomes (COs)
1	Write a note on environmental hazards.	Remember	CMBB24.02
2	What is the difference between natural disaster and man-made disasters?	Understand	CMBB24.01
3	Write two impact of disaster has on community.	Remember	CMBB24.02
4	Write briefly about how hazards can become a disaster.	Remember	CMBB24.02
5	What is a disaster?	Understand	CMBB24.02
6	Discuss the environmental stress in the atmosphere.	Remember	CMBB24.02
7	Write the concept of Environmental Hazards.	Remember	CMBB2403
8	Define biological hazards.	Remember	CMBB24.03
9	What is mean by flash flood?	Remember	CMBB24.03
10	Discuss about chemical and physical hazards.	Understand	CMBB24.02
11	Give some examples of stressors	Understand	CMBB24.01
12	Define hazard	Understand	CMBB24.02
13	Define disaster	Understand	CMBB24.01
14	Explain the concept of disaster.	Understand	CMBB24.01
15	Define physical hazards with an example	Remember	CMBB24.02
Part - B (Long Answer Questions)			
1	Define environmental stress. Write a note on the stressors of environment.	Remember	CMBB24.02
2	Define environmental stress. Write a note on the stressors of environment.	Remember	CMBB24.01
3	Write an account on different approaches to disaster management and Relation with human ecology.	Understand	CMBB24.01
4	Write a note on chemical and biological hazards.	Remember	CMBB24.02
5	Write an account on geomorphic (geological) hazards.	Remember	CMBB24.01
6	What is meant by human ecology? How it is related to Disasters.	Understand	CMBB24.02
7	Write down the types of environmental hazards and Disasters?	Understand	CMBB24.02
8	Define human Ecology? What are the field of applications in geographical Researchers.	Understand	CMBB24.02
9	Discuss about Ecosystem Approach and perception approach	Understand	CMBB24.02
10	Highlight key environmental concerns pertaining to disasters,	Remember	CMBB24.03
11	Sustainable management of natural resources is essential to provide Livelihood and environmental security'. Discuss.	Understand	CMBB24.03
12	Write a note on key community based disaster management strategies.	Remember	CMBB24.02
13	Discuss the relationship between disaster and development depends on the development choices made by the individual, community and the nation'. Discuss.	Understand	CMBB24.03
14	Define disaster and refer to major environmental concerns. Discuss recent trends in disaster management with special reference to India.	Remember	CMBB24.03
15	Examine the types and characteristics of corporate social responsibility with respect to disaster management.	Understand	CMBB24.02
Part - C (Problem Solving and Critical Thinking Questions)			
1	What are steps involved in risk communication?	Understand	CMBB24.02

2	Explain, how the occurrence of EL NINO events affects global climate?	Understand	CMBB24.02
3	Describe natural disaster and list out the natural disaster	Understand	CMBB24.02
4	Explain the concept of first responder with special reference to the role of the government in first response..	Understand	CMBB24.02
5	Discuss the guiding principles of disaster mitigation and elaborate the problem areas in disaster mitigation.	Remember	CMBB24.02
6	Discuss the relationship between disaster and development with the help of examples from developed and developing countries.	Understand	CMBB24.01
7	Describe the various management guidelines for temporary shelter provision during disasters.	Remember	CMBB24.01
8	Discuss various methods for rescuing affected persons in a disaster situation	Understand	CMBB24.02
9	Discuss the role and functions of a Disaster Manager.	Remember	CMBB24.01
10	Discuss Community-Based Disaster Risk Reduction Process.	Remember	CMBB24.03
11	Define Risk Assessment and underline the methodologies for conducting risk Assessment.	Understand	CMBB24.02
12	Discuss the role of disaster management authorities in disaster management.	Remember	CMBB24.01
13	Discuss the role and functions of a Disaster Manager	Understand	CMBB24.02
14	Examine the changing complexion of disaster management in the contemporary context.	Understand	CMBB24.02
15	Highlight the significance of planning for ensuring disaster prevention	Remember	CMBB24.02

UNIT - II

TYPES OF ENVIRONMENTAL HAZARDS AND DISASTERS

Part – A (Short Answer Questions)

1	What is a disaster? Classify.	Understand	CMBB24.03
2	Write a note on social hazard.	Remember	CMBB24.04
3	Write a short note on effects of cyclones	Remember	CMBB24.03
4	Describe civil disorder	Understand	CMBB24.03
5	What are the types of man-Induced hazards discuss?	Understand	CMBB24.02
6	Write down the various types of natural hazards	Understand	CMBB24.03
7	Discuss about the planetary and extra-planetary hazard.	Understand	CMBB24.03
8	Write a note on meteorological hazards.	Remember	CMBB24.02
9	What is earthquake hazard? What causes earthquake.	Understand	CMBB24.01
10	What are the harmful effects of earthquakes	Remember	CMBB24.04
11	Define extra planetary hazard	Remember	CMBB24.02
12	What causes earthquakes	Remember	CMBB24.03
13	Write a note on planetary hazard	Remember	CMBB24.03
14	Write short notes on technological disasters	Remember	CMBB24.04
15	What is a disaster? Classify.	Understand	CMBB24.04

Part - B (Long Answer Questions)

1	Write short notes on: a) cold waves b) Heat waves c) Soil Erosion	Remember	CMBB24.03
2	Write a brief note on floods as a serious environmental hazard.	Understand	CMBB24.05
3	What are the consequences of the phenomenon of drought? Explain	Remember	CMBB24.05

	briefly.		
4	Explain sea level rise. What are its causes and effects?	Understand	CMBB24.06
5	Write a note on global atmospheric changes.	Remember	CMBB24.06
6	What is the difference between natural disaster and man-made disaster?	Understand	CMBB24.06
7	Draw a flow chart of planetary and extra planetary hazard and explain.	Understand	CMBB24.03
8	Write a brief note on the extra planetary hazards.	Remember	CMBB24.02
9	What are floods? What are the harmful effects of floods.	Understand	CMBB24.02
10	Write down the methods of controlling floods.	Understand	CMBB24.02
11	Examine the role of corporate social responsibility as an emerging avenue in managing disasters.	Understand	CMBB24.03
12	Define vulnerability and discuss the vulnerability profile of India,	Remember	CMBB24.03
13	Analyse the important facets of disaster management in mountainous Regions.	Remember	CMBB24.02
14	Throw light on the development perspective to Disaster management.	Understand	CMBB24.03
15	Discuss the role of disaster management authorities in disaster management.	Understand	CMBB24.03
Part - C (Problem Solving and Critical Thinking Questions)			
1	Write a brief note on floods as a serious environmental hazard.	Remember	CMBB24.03
2	What are the consequences of the phenomenon of drought? Explain briefly.	Understand	CMBB24.04
3	What will be the consequences of drought when it affects an area very effectively?	Understand	CMBB24.04
4	Define cyber terrorism and explain forms and impacts	Understand	CMBB24.04
5	Write a brief note on psychological and social dimensions of disaster	Remember	CMBB24.05
6	What is the difference between natural disaster and man-made disaster?	Remember	CMBB24.05
7	Describe manmade (anthropogenic disaster) disaster and list out the natural disaster	Understand	CMBB24.05
8	Describe terrorism and write down the typology of terrorism	Remember	CMBB24.04
9	What is the positive human impact on environment	Remember	CMBB24.06
10	What are the negative effects of oil drilling	Understand	CMBB24.07
11	What are the top ten terrifying disasters in history	Remember	CMBB24.07
12	What are the advantages and disadvantages of travelling in a Car?	Understand	CMBB24.08
13	What does the Global Warming mean?	Understand	CMBB24.03
14	Illustrate the 5 worst man-Made disasters in History	Remember	CMBB24.08
15	Write a brief note on floods as a serious environmental hazard.	Remember	CMBB24.09
UNIT-III			
ENDOGENOUS HAZARDS			
Part - A (Short Answer Questions)			
1	What are the effects of the volcanoes on the environment?	Remember	CMBB24.04
2	What is seismic activity	Understand	CMBB24.04
3	What are Geological hazards	Understand	CMBB24.04
4	Define volcanic Ash	Remember	CMBB24.04
5	What is Endogenous Hazards?	Remember	CMBB24.08
6	Define landslides	Understand	CMBB24.05
7	Write down the different types of atmospheric hazards.	Remember	CMBB24.05
8	Define atmospheric hazards	Understand	CMBB24.05

11	How earthquake occurs	Understand	CMBB24.05
12	What are plate tectonic movements?	Remember	CMBB24.06
13	What are material comes out from volcanic eruptions?	Remember	CMBB24.06
14	Define magma	Understand	CMBB24.06
15	How to prevent natural disasters	Remember	CMBB24.06
16	How human being are adjusted to the disasters.	Understand	CMBB24.06
17	Define Lava	Understand	CMBB24.07
Part – B (Long Answer Questions)			
1	Write a short note on earthquakes. What are its causes?	Understand	CMBB24.08
2	What are the mitigation measures to be taken at the time of earthquakes?	Understand	CMBB24.08
3	Write a note on man-made landslides. State what are the mitigation measures at the time of land-slides.	Understand	CMBB24.08
4	What are the environmental Impacts of Volcanic Eruptions?	Remember	CMBB24.09
5	What is epicenter and focus? Draw with a neat diagram? Based on depth how many types of earthquake are classified.	Remember	CMBB24.04
6	What is endogenous hazards ? Explain with examples in detail.	Understand	CMBB24.05
7	Illustrate the causes and distribution of volcanoes.	Remember	CMBB24.04
8	Demonstrate the hazardous effects of volcanic eruptions	Understand	CMBB24.04
Part – C (Problem Solving and Critical Thinking)			
11	What causes earthquakes? What are the harmful effects of earthquakes.	Understand	CMBB24.03
12	Explain briefly about the effects of earthquakes on the environment.	Remember	CMBB24.03
13	What are the causes and hazardous effects of Volcanic eruptions?	Understand	CMBB24.03
14	What is a disaster? Give an example from a real incident.	Understand	CMBB24.05
15	Write a brief note on volcanoes. What are the hazards involved?	Remember	CMBB24.05
16	What are the different types of disaster ? write short note.	Understand	CMBB24.06
17	List out some deadliest disasters occurred in past	Remember	CMBB24.06
Part – C (Problem Solving and Critical Thinking)			
1	Write a brief note on the distribution of volcanoes in the world.	Understand	CMBB24.03
2	Comment on the distribution of earthquakes across the globe.	Understand	CMBB24.04
3	Explain how the magnitude of earthquake is determined.	Remember	CMBB24.04
4	Identify the earthquake hazards in India and explain	Remember	CMBB24.04
5	Define vulnerability and discuss the process of vulnerability analysis.	Understand	CMBB24.04
UNIT-IV			
EXOGENOUS HAZARDS AND DISASTERS			
Part – A (Short Answer Questions)			
1	What are cyclones? Describe	Understand	CMBB24.05
2	Write a note on the formation of cyclones.	Remember	CMBB24.05
3	Write in short about the structure of cyclone.	Understand	CMBB24.05

4	Write a short note on effect of cyclones.	Remember	CMBB24.05
5	Write a short note on the global distribution of cyclones.	Remember	CMBB24.03
6	Discuss the flood-prone regions in India.	Remember	CMBB24.05
7	Discuss some of the measures to mitigate cyclones.	Remember	CMBB24.05
8	What causes lightning and hailstorms? Explain.	Remember	CMBB24.08
9	Define soil erosion	Understand	CMBB24.03
10	What are the flood control measures	Remember	CMBB24.03
11	What is sedimentation	Understand	CMBB24.09
12	Define biological hazards	Remember	CMBB24.09
13	Define population explosion as a hazard	Understand	CMBB24.09
14	Write the causes of heat waves	Remember	CMBB24.08
15	Define Nuclear Explosion	Understand	CMBB24.08
Part – B (Long Answer Questions)			
1	Write a brief note on floods as a serious environmental hazard.	Understand	CMBB24.08
2	Discuss in brief the various floods control measures.	Remember	CMBB24.08
3	Discuss some of the measures to mitigate floods.	Understand	CMBB24.06
4	What are the consequences of drought? Explain briefly	Remember	CMBB24.06
5	Write a note on the drought control measures adopted across the globe.	Remember	CMBB24.06
6	Enumerate the properties of soil	Understand	CMBB24.06
7	Write a brief note on soil erosion and its conservation.	Understand	CMBB24.06
8	What is sedimentation? What are the different aspects in this process?	Remember	CMBB24.06
9	What are the various sedimentation problems created in the environment.	Understand	CMBB24.04
10	Suggest the best management practices of soil erosion and sedimentation.	Remember	CMBB24.04
11	Can you suggest some ways and methods to destroy cyclones.	Remember	CMBB24.04
12	Write a note on floods and discuss its types and causes.	Remember	CMBB24.04
13	Discuss the flood-prone regions in India.	Understand	CMBB24.04
14	What causes cold waves what are its effects?	Remember	CMBB24.04
15	Illustrate the floods hazards of India in the past years	Understand	CMBB24.04
Part – C (Problem Solving and Critical Thinking)			
1	What are the effects of pesticides on the environment?	Understand	CMBB24.07
2	Write a note on Bhopal on gas tragedy.	Remember	CMBB24.05
3	Write a short note on pesticide pollution.	Understand	CMBB24.05
4	What are the main causes of nuclear hazards?	Remember	CMBB24.08
5	Write a brief note on nuclear accidents and the Chernobyl disaster.	Remember	CMBB24.08
6	Write an account on the genetic disorders caused by radiation pollution.	Understand	CMBB24.09
7	Write a short note on population explosion and its control.	Remember	CMBB24.08
8	Write briefly about the steps that need to be taken as part of an overall plan for achieving global population stabilization.	Remember	CMBB24.07
9	Explain briefly the pattern of global population growth in recent years which is causing alarm to environmental experts.	Understand	CMBB24.07
10	Define urbanization. Give the reasons for large scale migration to urban areas and the consequences of rapid urbanization.	Remember	CMBB24.09
11	Define disaster mitigation and discuss the contribution of United Nations agencies in it.	Remember	CMBB24.09
12	Discuss the major facets of disaster management in coastal regions	Understand	CMBB24.08
13	Discuss the important steps in relief distribution, Explain the		CMBB24.09

	different types of damages that occur due to disasters.	Remember	
14	Define vulnerability and discuss the vulnerability profile of India,	Understand	CMBB24.08
15	Discuss the guiding principles of disaster mitigation and elaborate the problem areas in disaster mitigation.	Understand	CMBB24.07
UNIT-V			
Emergency Approaches in Disaster Management			
Part - A (Short Answer Questions)			
1	What are warning systems	Remember	CMBB24.09
2	Write short notes on mitigation planning.	Remember	CMBB24.10
3	Define total management cycle	Understand	CMBB24.07
4	What is mitigation?	Understand	CMBB24.07
5	Write a note on disaster cycle	Remember	CMBB24.07
6	What is risk mapping	Remember	CMBB24.08
7	What is pre disaster	Understand	CMBB24.08
8	What is post disaster	Remember	CMBB24.08
9	What is structural mitigation	Understand	CMBB24.08
10	What is non structural mitigation	Remember	CMBB24.06
11	Define first responder in terms of disasters.	Understand	CMBB24.06
12	Who is the committee for disaster management	Remember	CMBB24.06
13	What is warning system	Understand	CMBB24.06
14	Draw disaster cycle	Remember	CMBB24.07
15	How mitigation helps in prevention of disasters	Understand	CMBB24.07
Part - B (Long Answer Questions)			
1	Write a brief note on the emergency stage of a disaster.	Remember	CMBB24.07
2	Write an account on the impact of disasters to life and environment.	Understand	CMBB24.09
3	Discuss the role of technology in disaster management.	Remember	CMBB24.09
4	Write the methods to predict natural disasters.	Understand	CMBB24.09
5	What is cyclone? How can people be warned of it beforehand?	Remember	CMBB24.09
6	Discuss the various measures that should be taken for disaster management and prevention	Understand	CMBB24.10
7	Write in brief on the post-disaster stage.	Remember	CMBB24.10
8	Write a note on disaster management.	Understand	CMBB24.09
9	Explain the phases of disaster management	Remember	CMBB24.09
10	Enlist the different stages of disaster management. Write in detail about pre- Disaster stage.	Remember	CMBB24.09
11	Give an example from a real incident when warning against a cyclone helped The people.	Understand	CMBB24.08
12	Explain natural disasters and its mitigation strategies.	Understand	CMBB24.08
13	State the guidelines for mitigation of disasters.	Remember	CMBB24.08
14	Explain in detail the mitigation planning.	Remember	CMBB24.06
15	Bring out the importance of people as the first responders in disaster management.	Remember	CMBB24.07
Part – C (Problem Solving and Critical Thinking)			
1	Why should every village have a disaster management committee? Write Short notes.	Understand	CMBB24.06
2	Can you suggest some guidelines for achieving sustainable development?	Remember	CMBB24.06
3	Write are the provisions of immediate relief measure to disaster affected people?	Remember	CMBB24.08
4	How do engineered structures help us to withstand like floods, earthquakes, And cyclones?	Remember	CMBB24.08

5	Describe the structural mitigations and non- structural mitigations that should be restored to in case of floods.	Remember	CMBB24.09
6	Elaborate on the various organizations which are involved in the research and mitigation of disasters.	Understand	CMBB24.09
7	How does the community of a village play the most important role in times of disaster as 'first responder'	Remember	CMBB24.09
8	How can search rescue team assist a village in times of a hazards?	Understand	CMBB24.08
9	Enlist the various institutions and national centres involved in natural disaster reduction.	Understand	CMBB24.10
10	Elucidate different skills and techniques adopted by a disaster management.	Remember	CMBB24.10
11	Bring to light major initiatives on Disaster Preparedness in India.	Understand	CMBB24.06
12	Analyse.Discuss the important steps in relief distribution. Examine the problem areas during recovery phase of disaster management,	Remember	CMBB24.06
13	Discuss the relationship between disaster and development with the help of examples from developed and developing countries.	Understand	CMBB24.10
14	Explain the different types of damage reports. Identify the different types of rehabilitation.	Remember	CMBB24.10

Prepared By:

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