

MA GEOGRAPHY
Fourth Semester (Repeat)
DISASTER MANAGEMENT (MDC)
(MGE – 406)

Duration: 3Hrs.

Full Marks: 70

Part-A (Objective) =20
Part-B (Descriptive) =50

(PART-B: Descriptive)

Duration: 2 hrs. 40 mins.

Marks: 50

Answer any four from *Question no. 2 to 8*
Question no. 1 is compulsory.

1. What do you mean by hazard, vulnerability, capacity and disaster? What are the inter relations? (10)
2. Briefly discuss the Disaster Management Cycle with suitable examples. (10)
3. What are the causes of floods in Northeast India? Discuss about preparedness and precautions before, during and after flood events. (4+6=10)
4. What is the full form of CBDM? What are the most important elements of CBDM? Discuss why CBDM is important. (5+5=10)
5. What are the causes of earthquakes? Write about safety measures before and during earthquake for persons residing in multistoried buildings. (3+3+4=10)
6. What do you mean by occupational hazards? What are the different types? Explain chemical hazards. (3+2+5=10)
7. Write about the Global and Indian scenario of institutional framework for disaster preparedness and mitigation. (10)
8. Write a note on *any two*: (5+5=10)
 - (a) Causes of drought.
 - (b) Hyogo framework.
 - (c) Flood protection measures.

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Duration: 20 minutes

Marks – 20

(PART A - Objective Type)

I. Choose the correct answer:

1×20=20

1. People live in dangerous areas for what reasons?
 - a. because of cheap land.
 - b. because the land is fertile.
 - c. for both (a) and (b).
 - d. None of above.
2. As the magnitude of natural disaster increases their frequency of occurrence:
 - a. Increases
 - b. Decreases
 - c. Remains the same
 - d. Varies over time
3. What is the normal relationship between the number of a particular type of event and the size of such events?
 - a. There is an equal number of small, medium, and large events of any given type.
 - b. There are few small events, a moderate number of larger events, and many giant events of any given type.
 - c. There are many small events, many medium-size events, but for most hazards no giant events.
 - d. There are many small events, a moderate number of larger events, and few giant events.
4. The Brahmaputra is entering India in:
 - a. Arunachal Pradesh
 - b. Assam
 - c. Sikkim
 - d. Manipur
5. A place where an earthquake originates is called the:
 - a. Source
 - b. Focus
 - c. Epicenter
 - d. Lava
6. Northeast India receives rainfall due to:
 - a. South-east monsoon
 - b. South-west monsoon
 - c. South-north monsoon
 - d. All of above
7. Which of the following causes the least amount of fatalities in the Northeast India annually?
 - a. Volcanoes
 - b. Flood
 - c. Landslide
 - d. Road accident
8. Which of the following is not non-structural mitigation measure?
 - a. Act
 - b. Rules
 - c. Insurance
 - d. None of above
9. Catastrophic natural disaster losses in developed countries involve which of the following?
 - a. Large numbers of deaths.
 - b. Large financial costs to individuals and companies.
 - c. Primarily losses borne by insurance companies.
 - d. Large numbers of deaths and large financial costs.
10. Below average rainfall for a prolonged period of time is called:
 - a. Desert
 - b. Arid
 - c. Drought
 - d. Dry monsoon
11. What is Tsunami?
 - a. A natural hazard
 - b. A large wave
 - c. Both (a) and (b)
 - d. None of above
12. Areas of cities that are subjected to significant natural hazards should be used for which of the following?
 - a. Office buildings because they can withstand the effects of the hazard.
 - b. Inexpensive single-family houses.
 - c. Parks and golf courses.
 - d. Shopping malls.
13. NDMA stands for
 - a. National Disaster Management Authority
 - b. Natural Disaster Management Authority
 - c. National Disaster Management Association
 - d. None of above

14. The deadliest disaster at global level:
 - a. Drought and famine
 - b. Earthquake and flood
 - c. Windstorm and Tsunami
 - d. Forest fire

15. In which months in India, floods are likely to occur?
 - a. January--April
 - b. April--June
 - c. June--September
 - d. October--December

16. The instrument used to measure earthquake:
 - a. Richter
 - b. Seismograph
 - c. Epicenter
 - d. None of above

17. Natural disasters generally involve which of the following?
 - a. Events with a single clear-cut cause.
 - b. Events that involve overlapping natural causes.
 - c. Events wholly caused by the activities of man.
 - d. Events that are unaffected by the activities of man.

18. The inner layer of the earth is called:
 - a. Crust
 - b. Mantle
 - c. Core
 - d. None of above

19. Choose the wrong statement:
 - a. People living near a river are vulnerable to floods.
 - b. Forest fire is a natural hazard.
 - c. Landslide occurrence is less in hilly areas.
 - d. Rich people have more capacity to recover from a hazard.

20. Which of the following activities is covered by Disaster Management before, during or after a disaster?
 - a. Reconstruction and Rehabilitation
 - b. Mitigation
 - c. Emergency response
 - d. All of above



University of Science and Technology, Meghalaya

Date Stamp: _____

<p>SESSION 2016-17</p> <p>COURSE _____ PAPER CODE: _____</p> <p>NAME OF THE PAPER: _____</p> <p>SEMESTER _____</p>																																							
<p align="center">Instructions to Candidates</p> <ol style="list-style-type: none"> 1. This answer booklet has 4 pages. Please check before writing whether it is complete or in good condition. 2. Do not write your name anywhere in the answer booklet. 3. Write legibly on both sides of the paper 4. You may use some space for any rough notes or calculation on the answer booklet if you need. These rough notes, calculations must be scored out before submitting the answer booklet. 5. Do not bring any book or loose paper in the examination hall. 6. Do not tear any page from the answer booklet. 7. Do not write anything on the question paper or blotting paper or any pieces of paper while you are in the examination hall. 8. Any act of indiscipline or misbehavior in the examination hall will result in your expulsion. 9. No examinee is allowed to leave the examination hall until 30 minutes lapse after the commencement of the examination. 10. Additional answer sheet will be supplied after the main answer booklet is completed. 	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: center;">For Objective Type Questions</th> </tr> <tr> <th style="width: 50%; text-align: center;">Page No.</th> <th style="width: 50%; text-align: center;">Marks</th> </tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr> <td align="center" colspan="2">Total</td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: center;">For Descriptive Type Questions</th> </tr> <tr> <th style="width: 50%; text-align: center;">Question No.</th> <th style="width: 50%; text-align: center;">Marks</th> </tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr> <td align="center" colspan="2">Total</td> </tr> <tr> <td align="center" colspan="2">Grand Total</td> </tr> </table>	For Objective Type Questions		Page No.	Marks													Total		For Descriptive Type Questions		Question No.	Marks													Total		Grand Total	
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