

MA/ M.Sc. GEOGRAPHY  
FOURTH SEMESTER  
HAZARDS & DISASTER MANAGEMENT:  
PREPAREDNESS & MITIGATION  
MGE – 402B  
[USE OMR FOR OBJECTIVE PART]

**SET  
A**

Duration: 3 hrs.

Full Marks: 70

**(Objective)**

Time: 30 min.

Marks: 20

*Choose the correct answer from the following:*

**1X20=20**

- Which of the following is a proactive process in disaster management?
  - Preparedness
  - Response
  - Mitigation
  - All of above
- A clear concise document which outlines preventive and preparatory measures of the event of a disaster to minimize its effect is
  - Disaster plan
  - Disaster manual
  - Disaster guide
  - Disaster record
- A disease that becomes unusually widespread and even global in its reach is referred to as
  - Epidemic
  - Pandemic
  - Spanish flu
  - Hyper endemic
- The National Disaster Management Authority (NDMA) is headed by
  - President of India
  - Governor of States
  - Chief Minister of States
  - Prime Minister of India
- Disaster Management includes:
  - Mitigation
  - Reconstruction
  - Rehabilitation
  - All of the above
- ICT solution for disaster management generally comprises technology, software and ----- (fill the blank)
  - Data operation
  - Data storage
  - Data standards
  - Data capture
- Which of the following is NOT CORRECT regarding stages of ICT solution in disaster management?
  - Requirements and Specifications
  - Implementation and Training
  - Maintenance
  - Evaluation and monitoring

8. The cycle of disaster consists of the following components
  - a. Preparedness, vulnerability assessment, risk assessment, recovery
  - b. Mitigation, Risk assessment, Response and Recovery
  - c. Mitigation, Preparedness, Response, Recovery
  - d. None of the above
9. Vulnerability analysis comes in which part of the Disaster Management Cycle
  - a. Mitigation
  - b. Preparedness
  - c. Response
  - d. Recovery
10. What are the three phases of disaster management planning?
  - a. Preparation, Response and Recovery
  - b. Preparation, Planning and Perception
  - c. Evacuating, Rebuilding and Re-branding
  - d. Planning, Evacuating and Recovery
11. Which is the oldest paramilitary force of India?
  - a. Assam Rifles
  - b. BSF
  - c. CRPF
  - d. SSB
12. Rapid Action Force is the specialized battalion wing of ----
  - a. Assam Rifles
  - b. BSF
  - c. CRPF
  - d. SSB
13. Which provides security to industrial units, infrastructures, projects etc?
  - a. CRPF
  - b. CISF
  - c. BSF
  - d. All of above
14. Which was raised for deployment along the India's border with China's Autonomous region?
  - a. BSF
  - b. SSB
  - c. CRPF
  - d. ITBP
15. What does 'A' stand for in CoBRA?
  - a. Army
  - b. Action
  - c. Assam
  - d. None of above
16. Which of the following was NOT a name of Assam Rifles?
  - a. Assam Frontier Police
  - b. Assam Police
  - c. Assam Military Police
  - d. Eastern Bengal and Assam Military Police
17. Which is correct in terms of mitigation?
  - a. Mitigation embraces measures taken to reduce both the effect of the hazard and the vulnerable conditions to it.
  - b. Mitigation encompasses those measures taken before a disaster event
  - c. Mitigation activities can be focused on the elements exposed to the threat and not on the hazard
  - d. All are correct

18. Which of the following comes last in disaster management?
- a. Response
  - b. Mitigation
  - c. Relief
  - d. Reconstruction
19. Which of the following factors(s) make old people more vulnerable in disasters?
- a. Multi-morbidity
  - b. Prevalence of chronic conditions
  - c. Cognitive impairment
  - d. All of above
20. Which of the following statement(s) is/are correct in terms of vulnerability of children in disaster?
- a. Children's vulnerability increases with decrease in age
  - b. Children's vulnerability increases with existing ill-health
  - c. Among lives lost in disasters, one out of three is a child.
  - d. All are correct

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**(Descriptive)**

Time : 2 hrs. 30 mins.

Marks : 50

*[ Answer question no.1 & any four (4) from the rest ]*

1. Write about vulnerability of old people, women and children in disaster situation. 10
2. Discuss prevention, preparedness and mitigation in disaster management 10
3. Write about Para Military Forces in India which play major role in disaster management. 10
4. Write role and responsibilities of international agencies in disaster management. 10
5. Explain the importance of Remote Sensing and GIS in disaster management. 5+5=10
6. Write on applications of Modern Technologies for the Emergency communication for disaster management. 10
7. What do you mean disaster mitigation? Explain the concept of disaster mitigation. 4+6=10
8. Explain different strategies for disaster mitigation. 10

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