



Name :

Roll No. :

Invigilator's Signature :

CS/MHA/SEM-4/MHA-406/2013

2013

DISASTER MANAGEMENT

Time Allotted : 3 Hours

Full Marks : 70

The figures in the margin indicate full marks.

*Candidates are required to give their answers in their own words
as far as practicable.*

GROUP – A

(Multiple Choice Type Questions)

1. Choose the correct alternatives for any *ten* of the following :
 $10 \times 1 = 10$

i) The phase during which the event of the disaster takes place is called the

- | | |
|-------------------|----------------------|
| a) Response phase | b) Recovery phase |
| c) Impact phase | d) Mitigation phase. |

ii) A Pulse-Doppler Radar is used to detect

- | | |
|----------------------|------------------|
| a) Earthquakes | b) Tornadoes |
| c) Volcanic eruption | d) All of these. |



- iii) The smoke detectors in a fire alarm system must be located not more than from any wall.
- a) 10 feet b) 15 feet
c) 20 feet d) 30 feet.
- iv) In the Indian subcontinent, the Gangetic Plain is a prone area.
- a) cyclone b) earthquake
c) flood d) drought.
- v) After a disaster strikes, "Code 10-Disaster" is declared by the
- a) CEO b) Medical Director
c) Director of Nursing d) All of these.
- vi) The Yokohama message which underlined the need for an emphatic shift in the strategy for disaster mitigation was held in
- a) May, 1992 b) May, 1993
c) May, 1994 d) May, 1995.
- vii) The Chairman of National Committee on Disaster Management (NCDM) is the
- a) Director General of Health Services
b) Prime Minister
c) President
d) The Cabinet Secretary.



viii) A technique in which sophisticated sensors insulated with wires are pushed into the rubble to provide images of survivors trapped under the rubble is called

- a) Geographical information system
- b) Global positioning system
- c) Thermal imaging
- d) Remote sensing.

ix) The process of classifying the risk and the injured according to the urgency and type of condition is called

- a) Codification
- b) Tagging
- c) Rescue
- d) Triage.

x) The full form of NCCM is

- a) National Centre for Calamity Management
- b) National Council for Calamity Management
- c) National Committee for Calamity Management
- d) National Council for Crisis Management.

xi) "C" grade fire is caused by

- a) Wood
- b) Electrical faults
- c) Paper
- d) All of these.



GROUP – B

(Short Answer Type Questions)

Write short notes on any *three* of the following.

3 × 5 = 15

2. Role of NGO's in disaster management.
3. Importance of hospital networking.
4. Table top exercises.
5. Simple and advanced triage.
6. Elements of a fire safety program.

GROUP – C

(Long Answer Type Questions)

Answer any *three* of the following.

3 × 15 = 45

7. What are the public health issues during a disaster ? List the public health actions to be taken during the various phases of a disaster. 8 + 7
8. What is a disaster manual ? How is it important in disaster management activity ? List the principles of a good disaster plan. 3 + 5 + 7
9. Differentiate between natural and man-made disasters by citing examples. What are the recent advances in technology that has proved helpful in disaster management ? 7 + 8
10. How do the international agencies provide assistance during a disaster ? List any five international agencies and their role in disaster management. 10 + 5
