



Name :

Roll No. :

Invigilator's Signature :

CS/MHA/SEM-4/MHA-406/2010

2010

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 × 1 = 10

- i) The fire triangle consists of all except
 - a) wood, paper and heat
 - b) oxygen, oil and gas
 - c) oxygen, fuel and heat
 - d) none of these.
- ii) In a case of fire, the initial evacuation is
 - a) vertical upwards
 - b) vertical downwards
 - c) horizontal
 - d) imaginatively.
- iii) The barrier concept in the containment of the fire is based on the principle
 - a) limits air from interacting with fire
 - b) limits smoke from becoming toxic
 - c) limits psychological affects from fire
 - d) limits light and heat from interacting with fire.

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- iv) Carbon dioxide extinguishers are used for extinguishing
 - a) A class of fire
 - b) B class of fire
 - c) C class of fire
 - d) Both (a) and (b).
- v) A code used to indicate a disaster of undetermined magnitude that is likely to tax the hospital facilities is
 - a) Doctor Junior
 - b) Doctor Efficient
 - c) Community Doctor
 - d) Doctor Major.
- vi) The process of classifying the risk and the injured according to the urgency and type of condition is called
 - a) Tagging
 - b) Rescue
 - c) Triage
 - d) Codification.
- vii) A written statement of disaster plan is
 - a) Disaster Networking
 - b) Disaster Alert
 - c) Disaster Mock exercise
 - d) Disaster Manual.
- viii) List of stores which may be required post-earthquake are all *except*
 - a) Computers and televisions
 - b) Shelter and support items
 - c) Eatables and water related items
 - d) Hygiene and sanitation related equipment.
- ix) is of course, by far the most common extinguishing medium used in fire fighting.
 - a) Water
 - b) Oil
 - c) Fire
 - d) Oxygen.



- x) Class A fire means
- a) Wood, paper, fabric, etc.
 - b) Oil, gasoline, paints, etc.
 - c) Electrical equipment
 - d) All of these.
- xi) Rapid and direct dissemination of cyclone warning are made to the designated address at isolated places in local languages through
- a) Internet
 - b) INSAT Satellite
 - c) Radio
 - d) Newspaper.
- xii) Pre-disaster planning includes all *except*
- a) awareness and information programme
 - b) training and education to volunteers
 - c) evacuation of injured
 - d) coordination with government agencies.

GROUP – B

(Short Answer Type Questions)

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

$$3 \times 5 = 15$$

- 2. Disaster manual.
- 3. Rehabilitation in disaster.
- 4. Personal protection for flood.
- 5. Man-made disaster.
- 6. Elements and classification of fire.

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GROUP – C

(Long Answer Type Questions)

Answer any *three* of the following. $3 \times 15 = 45$

7. What is Hospital Networking in disaster management ? What are the advances of networking ? State the requisites and components of networking. $1 + 4 + 10$
 8. What are the aims and principles of a disaster plan ? What is its importance ? State the essential requisites for effective disaster management. $2 + 3 + 10$
 9. State some important definitions which are used at the time of disaster. How will you prepare a disaster preparedness plan for your hospital ? $4 + 11$
 10. What are the important causes of fire in the hospitals ? What preventive steps should be taken to avoid fires in hospitals ? Discuss the policies and procedures pertaining to fire hazards. $2 + 3 + 10$
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