

**POST GRADUATE DIPLOMA IN FIRE SAFETY
AND DISASTER MANAGEMENT
(PGDFSTYDM)**

Term-End Examination 00436

June, 2013

**MSE-010 : CIVIL EMERGENCY AND DISASTER
MANAGEMENT**

Time : 3 hours

Maximum Marks : 100

Note : Section I : Answer all questions.

Section II : Answer any 6 questions.

Section III : Answer any 2 questions.

SECTION - I

*Answer all questions and each question carries
2 marks.*

10x2=20

1. When AMRI hospital fire took place ?
 - (a) 19-10-2009
 - (b) 9-11-2011
 - (c) 19-11-2011
 - (d) 29-11-2011

2. What does NBC stands for ?
 - (a) National Biological Centre.
 - (b) National Building Code.
 - (c) National Building Council.
 - (d) National Bio-degradable Council.

3. What does a power generator does ?
- (a) Converts mechanical energy into electrical energy.
 - (b) Converts electrical energy into mechanical energy.
 - (c) Converts mechanical energy into radio waves.
 - (d) None of the above.
4. Which class of equipment a foam making branch falls ?
- (a) Rescue equipment.
 - (b) Fire fighting equipment.
 - (c) Salvage equipment.
 - (d) Communication equipment.
5. Where is head quarter of NDMA ?
- (a) Nagpur
 - (b) Bangalore
 - (c) Delhi
 - (d) Lucknow
6. How does Tsunami originate ?
- (a) Volcanic eruption on earth.
 - (b) Volcanic eruption under water.
 - (c) Tremor below sea.
 - (d) Landslide in sea.

7. During fire fighting, water damage is least in which type of application ?
- (a) Jet Form
 - (b) Spray form
 - (c) Fog form
 - (d) Mist form
8. After how much time, a distress signal unit will operate ?
- (a) 10 sec.
 - (b) 20 sec.
 - (c) 30 sec.
 - (d) 40 sec.
9. What is "Silver Command" ?
- (a) National level disaster command.
 - (b) State level disaster command.
 - (c) District level disaster command.
 - (d) City level disaster command.
10. Which component of fire can be detected by laser beam detector ?
- (a) Heat
 - (b) Flame
 - (c) Smoke
 - (d) All three

SECTION-II

Write short notes on *any six* of the following : $6 \times 5 = 30$

11. Artificial Resuscitation.
12. Personal protective ensembles.
13. Location of fire station.
14. Water tender type B.
15. Pump relay system.
16. Search and rescue equipment.
17. Crash fire tender.
18. Sewerage Rescue.

SECTION-III

Answer *any two* questions.

2x25=50

19. Why fire services are called first responders ? State the role of fire brigades in case a natural disaster affecting large metropolis.
 20. How many type of disaster are known to you ? Write the consequences of each of them. How will you arrive at total loss due to disaster ?
 21. State the role of village panchayat/ resident welfare associations in meeting the disaster plans. How will you motivate young and old residents to help assist in disaster ?
 22. Draw a training schedule for building occupants for fire fighting, rescue and evacuation ? Give reasons to justify each activity you have included in training program.
 23. What is the use of breathing apparatus. Describe working principle of open circuit compressed air breathing apparatus and its maintenance/ testing.
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