

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

Term-End Examination

December, 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.

1. What is the use of Portable ring cutter ? 10x2=20
 - (a) Cutting wood
 - (b) Cutting RCC structural members
 - (c) Cutting only mettalic bars
 - (d) Cutting electrical wires
2. What are possible risk reduction measures from Land slide ?
 - (a) Hazard mapping
 - (b) Leagislation and Land use regulations
 - (c) Insurance
 - (d) All three above
3. On What principle Victim Location instrument work ?
 - (a) Visual monitoring
 - (b) Audio monitoring
 - (c) Visual and Audio monitoring
 - (d) Radio waves monitoring

4. Which single detector can monitor largest area ?
(a) Smoke (b) Heat
(c) Flame (d) Laser beam
5. What does G.P.S. stands for ?
(a) Global Positioning System.
(b) Geological Positioning System.
(c) Global Positioning Sattelite.
(d) Geographical Positioning System.
6. Who is chairman of National Disaster Management authority ?
(a) President of India
(b) Prime Minister of India
(c) Chief of Armed forces
(d) Vice-President of India
7. How much air is consumed by a healthy man in one minute ?
(a) 30 Litres (b) 40 Litres
(c) 50 Litres (d) 60 Litres
8. How is national level disaster command denoted ?
(a) Diamond Command
(b) Gold Command
(c) Silver Command
(d) Bronze Commnad
9. Which force is primarily responsible for disaster response ?
(a) CISF (b) CRPF
(c) NDRF (d) NDMA
10. Which principle would foam satisfy when applied on liquid fuel fire ?
(a) Cooling (b) Smothering
(c) Starvation (d) All three

SECTION - II

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

11. C.P.R.
12. Distress Singal Unit.
13. AFFF Compound.
14. Power Driven Saw.
15. Inline Inductor.
16. Rapid Response Sprinkler.
17. FLIR Camera.
18. Fire and Explosion.

SECTION - III

Answer any two questions.

$2 \times 25 = 50$

19. List out personal protective equipments. Describe Close Proximity Fire Fighting Suit.
 20. What is Incident Command system ? In an earth quake, describe the role of Fire service.
 21. Describe Ab-intio training, Refresher training , on the Job training and Specialized training.
 22. Describe in detail server rescue methods, precautions to be taken during server rescue and the difficulties encountered during rescue.
 23. Describe essential features of modern Fire station with utility of each feature.
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