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

Term-End Examination

June, 2013

MSE-008 : FIRE SAFETY

Time : 3 hours

Maximum Marks : 100

*Note :* The question paper has **three** sections. **Section-A** cover **10** marks, **Section-B** cover **50** marks and **Section-C** cover **40** marks.

SECTION-A

1. Write (Y/N) against each statement. Each carries 2 marks : 5x2=10
- (a) CO<sub>2</sub> is four times heavier than air.
  - (b) FFFP highly effective against hydrocarbon.
  - (c) Complete inert gas should not be used for blanketing.
  - (d) Potassium Bicarbonate is Monnex-Bc powder group.
  - (e) Trifor is used for Fire detector.

## SECTION-B

(Answer *any five* questions) Each carries **10** marks :

**5x10=50**

1. What are the symptoms of building collapse ?
2. What is RIV ? Write about it's use in air crash.
3. Give a description on 'SCABA'.
4. Write about the uses of Acetylenes.
5. How electrical fire occurs ?
6. What is the importance of (CFT) Crash Fire Tender ?
7. Write about cavitation in fire fighting operations.

### SECTION-C

Answer *any two* of the followings (Each carries 20 marks) : 2x20=40

8. (a) Give an Introduction on basic Fire Fighting techniques. (Fire-Triangle)
- (b) What are the main characteristics of CO<sub>2</sub> ?
- (c) Write the operational procedure of Water Type Extinguisher.
- (d) Give the charge composition of special powder in percentage. (For class 'D' Fire)
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