

**DIPLOMA IN FIRE SAFETY MANAGEMENT
(DFSTYM)**

Term-End Examination

June, 2011

00785

**BSE-044 : FIREMANSHIP, SAFETY IN BUILT
ENVIRONMENT, AIRCRAFT AND MARINE FIRE**

Time : 3 hours

Maximum Marks : 75

Note : Attempt all questions. Please write neatly.

1. Write True or False against correct statement : $5 \times 2 = 10$
 - (a) Proximity suits allows Firemen to approach near to Fire.
 - (b) Drencher fitted on roof is called roof drencher.
 - (c) Female coupling consists of lug.
 - (d) Metal strainer is used to prevent entering of foreign particles into pump.
 - (e) Exhaust ejector primer works on Venturi Principle.

2. Fill in the blanks : $5 \times 2 = 10$
 - (a) Freezing point of water is _____.
 - (b) T.E.C. powder is suitable for _____.
 - (c) CO₂ horn is made of _____.
 - (d) B.A. set is used in _____ atmosphere.
 - (e) As per ICAO Response Time is _____.

3. Answer the following question. (*Any three*) $3 \times 15 = 45$
- (a) Write the advantages of AFFF compound over the P.F. compound.
 - (b) With the help of a sketch describe all parts and working of 4.5 kg CO₂ Fire extinguisher.
 - (c) Write in detail any one of the fixed Fire Installation provided in High Rise Building.
 - (d) What is Disaster and their classification in detail ?
 - (e) How level of extinguishing media is calculated, required for category 8 when performance level 'B' is used ?
4. Write short notes on *any two* of the following : $5 \times 2 = 10$
- (a) Special Dry Powder
 - (b) Avalanche
 - (c) Landslides
 - (d) Types of various emergencies at an airport
 - (e) Pre donning check of B.A. sets
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