

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

**Term-End Examination**

**June, 2012**

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

*Time : 3 hours*

*Maximum Marks : 75*

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*Note : Attempt all questions. Question 1 and 2 are compulsory.  
From Question No. 3 attempt any five and from Question  
4 attempt any three.*

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1. Write True or False against each statement : **10x1=10**
- (a) An open or covered space in the fuselage for pilots is called cockpit.
  - (b) Keel is the lowest part of the ship forming the backbone on which it is built.
  - (c) Runway is the place on an airport where aircraft can land and can take off.
  - (d) The Captain of a merchant vessel is known as a Master.
  - (e) Bridge is the lowest part of a Ship.
  - (f) Acetylene gas is heavier than Air.
  - (g) Hull is the frame of Ship.

- (h) B.A. Set is used in normal atmosphere.
- (i) Discharge horn is provided in Foam Extinguisher.
- (j) Sprinkler System is provided out side the building.

2. Fill in the blanks :

10x1=10

- (a) The underside of fuselage is called \_\_\_\_\_.
- (b) The main body of the aeroplane to which the wings and tail are attached is known as \_\_\_\_\_.
- (c) L.P.G mainly comprise of \_\_\_\_\_ and \_\_\_\_\_.
- (d) A.F.F.F stands for \_\_\_\_\_.
- (e) A.T.C stands for \_\_\_\_\_.
- (f) \_\_\_\_\_ are used to extinguish the fire at initial stage.
- (g) The fire risk can be minimized by good \_\_\_\_\_.
- (h) The fireman should be \_\_\_\_\_ fit and \_\_\_\_\_ alert.
- (i) \_\_\_\_\_ suit allows the fire fighter to work very close to the flames.
- (j) The inhaled Air consists of \_\_\_\_\_ % of oxygen.

3. Write short notes on *any five* : 5x5=25
- (a) Response Time
  - (b) Ventillation
  - (c) Principles of Fire Extinction
  - (d) Symptoms of Building Collapse
  - (e) Good House - Keeping
  - (f) Crash Fire Tender
  - (g) Hose - reel - Hose
  - (h) Disaster

4. Answer *any three* of the following : 10x3=30
- (a) Explain the Duties of a Fireman at Station level.
  - (b) Explain the types of emergencies at an Airport.
  - (c) Explain the procedure to rescue a person trapped in Sewer.
  - (d) Explain the qualities of a good fireman.
  - (e) Narrate the action to be taken in case of a Bomb threat at Airport.
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