

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

Term-End Examination

December, 2011

**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. **5x2=10**
 - (a) Normal atmospheric pressure is one bar.
 - (b) The fireman's lift can be utilised on both conscious and unconscious patient.
 - (c) RFFV stands for Rescue and Fire Fighting Vehicle.
 - (d) Full form of ICAO is International Civil Aviation Organisation.
 - (e) Carbon dioxide gas is nontoxic

2. Fill in the blanks : **5x2=10**
 - (a) An adult healthy human being contain litre of blood.
 - (b) At rest rate of Pulse is _____ per min in human body.
 - (c) Heart is also called _____ muscular pump.

- (d) Wings of an aircraft can also be called _____.
- (e) Hermaphrodite coupling does not have any male and _____ coupling.

3. Answer the following questions. *Any three : 3x15=45*

- (a) Role of Communication system in fire service and the name various communication equipments.
- (b) With the help of a sketch describe S.C.B.A used in Fire Services.
- (c) Name various types of detectors used to detect fire and describe working principle of Ionisation type smoke detector.
- (d) Describe care and maintenance of Delivery Hoses.
- (e) Salient features of Crash Fire Tender (RFFV)

4. Write short notes on the following. *Any two : 2x5=10*

- (a) Entrapped procedure
 - (b) Composition of Air before Inhalation and after exhalation.
 - (c) Endemic
 - (d) Salvage
 - (e) Effects of Toxic gas
-