

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

Term-End Examination

June, 2013

**BSE-046 : INDUSTRIAL SECURITY AND FIRE
PROTECTION SYSTEM**

Time : 3 hours

Maximum Marks : 75

Note : Attempt all questions.

1. Fill in the blanks : $5 \times 1\frac{1}{2} = 7\frac{1}{2}$
- (a) PNG stands for _____
 - (b) CPR stands for _____
 - (c) After building evacuation occupants should assemble at _____
 - (d) Smoke detectors work on _____ principles.
 - (e) Combi Tools are _____ equipments.
2. Write *True* or *False* against each statement : $5 \times 1\frac{1}{2} = 7\frac{1}{2}$
- (a) Only smoke detectors should be installed in a Residential Building.
 - (b) Access control means to control the movement of fire Tender in Building.
 - (c) The basic function of fire alarm panel is to indicate smoke in the building.
 - (d) Fire officers are required to perform security duties during Bomb blast.
 - (e) Water Tender must carry small rescue equipments.

3. Write short notes on *any five* : 3x5=15
- (a) Fire Point and Flash Point
 - (b) Pre Entry test in B.A. set
 - (c) Primers
 - (d) P.T.O.
 - (e) Safety of fire man
 - (f) Methods of communication
 - (g) Building materials
 - (h) Foam for fire fighting
4. (a) What is Fire and Describe its Composition. 5
- (b) What is LPG, CNG, LNG ? 5
- (c) Describe explosion hazards in use of cooking gas cylinder and suggest preventive measure. 5
5. (a) As per NBC give the classification of building based on occupancy. 10
- (b) What is static electricity ? Explain the hazards and their preventive measures. 5
6. (a) What is man made disaster and how it is different from natural disaster ? 5
- (b) What is Tsunami ? What relation it have with earth - quake ? 5
- (c) What is Dirty Bomb ? 5
-