

Roll No. ....

**24833**

**B. Tech 6th Semester (Fire Tech & Safety)**

**Examination – May, 2016**

**FIRE FIGHTING & SAFETY EQUIPMENTS**

**Paper : FT-306-F**

**Time : Three Hours ]**

**[ Maximum Marks : 100**

*Before answering the question, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.*

**Note :** Question No. 1 is *compulsory*. Attempt any *five* question in total. *One* question must be attempt from each Section.

1. (a) Explain the function of the Hose.
- (b) Explain the different types of fire extinguisher.
- (c) Discuss the different types of foam.
- (d) Explain the leg protection Device.  $4 \times 5 = 20$

**SECTION – A**

2. Write the short note on following : 20
  - (a) Adoplers and Ramps
  - (b) Hose coupling

24833-200-(P-2)(Q-9) (16)

P. T. O.

http://www.banapaper.com

3. Explain the Hose with their function, properties, material and also explain the different types of Hose fittings. 20

### SECTION - B

4. Explain the CO<sub>2</sub> Dry powder Extinguisher with construction detail, specification and application. 20
5. Explain the Portable *five* Extinguisher with their construction detail, specification and application. 20

### SECTION - C

6. Explain any *one* foam making equipment with their construction detail, working principle, care and maintenance. 20
7. What do you mean by foam ? Explain with their classification, properties and characteristics. 20

### SECTION - D

8. Explain the Head protection device in detail. 20
9. Discuss the Body Protection device in detail. 20