

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

**Term-End Examination**

**June, 2012**

00395

**BSE-042 : FIRE PROTECTION AND WATER  
BASED FIRE SUPPRESSION EQUIPMENT**

*Time : 3 hours*

*Maximum Marks : 75*

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*Note : Question No. 1 is compulsory and attempt any seven question from Q. No 2 to Q.No 9.*

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1. Write *true/false* against each statement. 1x5=5
  - (a) Collecting Breaching consists of two male coupling and one female coupling.
  - (b) Centrifugal pump works on centrifugal principle.
  - (c) Female coupling consist of lug.
  - (d) Metal suction strainer allow foreign particle to enter into pump
  - (e) Pressure gauge shows pressure of suction side.
  
2. Classify Hoses used in Fire Services and Explain 10 the procedure of care and maintenance of suction Hoses.

3. Categorize hose fittings used in Fire Service. 10  
What is the use of collecting Head and How it works ?
  4. Classify the Foam and Foam making equipments 10  
used in Fire Service and explain in detail any one of Foam making equipment.
  5. What is water Tender ? Describe fire fighting 10  
pumps mounted on fire Tender.
  6. What is Fire ? Explain various causes of fires. 10
  7. Write short notes on *any two* of the following :  
(a) P.T.O. of WT 5+5=10  
(b) Any one best primers  
(c) Hose Real Hose  
(d) Fire man's Axe.
  8. What is Dry Chemical Powder ? What kind of 10  
fire cannot be extinguished by DCP ?
  9. What is Fire Triangle ? Explain in detail. 10
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