

B.Sc. (Sem.-II) (Fire & Safety) Examination

CC 202

Fire Fighting Equipment

May-2017

Time : 3 Hours]

[Max. Marks : 70

- Q.1 (a) Write down any 7 Specifications of water CO₂ extinguisher? 7
OR
- Q.1 (a) Define DCP extinguisher and give 3 name of DCP powder for each reactive and non reactive type? 7
- Q.1 (b) Write down any 7 advantages of CO₂ extinguisher? 7
OR
- Q. 1(b) Draw the chart of hydraulic test of Extinguisher? 7
- Q. 2(a) List out any 7 functions of a valve? 7
OR
- Q. 2(a) Write down precautions while using ladders? What is all the precaution to be taken while ascending and descending in ladder? 7
- Q. 2(b) Explain breathing apparatus with its type? 7
OR
- Q. 2(b) Define any 7 body parts of a BA set? 7
- Q.3 (a) Write down the factors for selection of fire vehicle and calculation of numbers of vehicle? 7
OR
- Q.3 (a) Write down any 7 point which should be observed while parking fire vehicle? 7
- Q.3 (b) Explain water relay system with its operation? 7
OR
- Q.3 (b) Write down any 7 Accessories & additional fitting of DCP fire tender? 7
- Q.4 (a) Define characteristics of hoses? 7
OR
- Q.4 (a) Describe Branches with its type? 7
- Q.4 (b) Write down care of hoses during use? 7
OR
- Q.4 (b) Explain suction hose? 7
- Q.5 each question contain one marks.**
1. What is the charging pressure of CO₂ extinguisher?
 2. PASS stand for what?
 3. How much is the discharge pressure of Water co2 fire extinguisher?
 4. What is the height of hook ladder?

(P.T.O)

E-298-2

5. How much ladder should be extended from the landing platform for safe access?
 6. How much pressure is in low pressure tube?
 7. What is the breaking load of the rope which is used in extension ladder?
 8. Define PTO?
 9. What is the water tank capacity if Class-III type ACFT?
 10. Define Plum?
 11. IN which year first delivery hose was made?
 12. At which pressure 3-way suction collecting head hydraulically tested?
 13. Write down the type of hose reel hose?
 14. What is the testing pressure of rubber lined hose?
-