

B.Sc. (F & S) Sem.-2 Examination

CC - 202

Fire Fighting Equipment

June 2022

Time : 2-00 Hours]

[Max. Marks : 50

General Instructions:

1. This question paper contains TWO sections: Section – I and Section – II.
2. It is compulsory to attempt both the sections.
3. Read the instructions given for each section carefully.
4. Please mention clearly the questions you attempt.

Section – I. Attempt ANY THREE of the following questions:**42 Marks**

- Q. No. - 1 (a) Explain Butterfly Valve with diagram?
- Q. No. - 1 (b) List specifications of water (CO₂) cartridge type fire extinguisher?
- Q. No. - 2 (a) Explain about closed circuit breathing apparatus with neat sketch?
- Q. No. - 2 (b) Write down the safety devices of TTL.
- Q. No. - 3 (a) Write down the considerations of Valve selection.
- Q. No. - 3 (b) Explain Hose reel Hose.
- Q. No. - 4 (a) Explain the Distress Signal Units?
- Q. No. - 4 (b) Write down any 5 automatic safety devices of a turn table ladder?
- Q. No. - 5 (a) Describe the characteristics of Hose?
- Q. No. - 5 (b) Briefly explains miscellaneous hose fitting and hose bandage?
- Q. No. - 6 (a) Explain the Power take off (PTO) in fire tender?
- Q. No. - 6 (b) Explain Standard tests of fire extinguisher?
- Q. No. - 7 (a) List any 10 accessory name which is provided with fire tender?
- Q. No. - 7 (b) What is Delivery Hose? Explain Rubber line delivery Hose.
- Q. No. - 8 (a) Explain about mechanical foam fire extinguisher?
- Q. No. - 8 (b) Explain about collecting breaching with neat sketch?

Section – I. Objective Questions: (any four)

08 Marks

- 1 Write any one example of gas based fire fighting system
- 2 IS code of co₂ cartridge _____.
- 3 ACFT stand for.
- 4 Name the safety device which is used in fire extinguisher.
- 5 Overall length of Hook ladder is _____
- 6 I.S. Code of CO₂ fire extinguisher?
- 7 Full form of DSU?
- 8 How much pressure is reduced in first stage reducer?