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Roll No

FT-603 (GS)
B.E. VI Semester Examination, June 2020
Grading System (GS)
Fire Fighting and Safety Equipments
Time : Three Hours

Maximum Marks : 70

Note: i) Attempt any five questions.
ii) All questions carry equal marks.

1. Explain the total Body parts of SCBA with neat diagram.
2. a) Explain in brief types of branches. Give the application of each type?
b) What are the application of breaching and adapter in the fire fighting operations?
3. Explain the constructional features, specifications and applications of CO₂ Fire Extinguisher.
4. Explain the application of different type of branch pipe used in fire fighting operations.
5. Explain in detail High expansion foam generator used in fire fighting operations with suitable diagram.

6. Define “HOSE” and explain their categories on the basis of their usage.

OR

Explain with neat diagram the working principle of LX Hand-Held Hose Reel Foam Unit.

7. Explain different type of Hose Fittings used in fire operation?

OR

Describe the types of helmets with their IS specification.

8. Write short notes on the following (any four)

- a) Collecting head
- b) Adopter
- c) Hose Ramps
- d) Breaching
- e) Coupling
- f) Stand pipe
