

24801

B.Tech. 5th Semester (Fire Tech.)

Examination, December–2015

RESCUE EQUIPMENT AND TECHNIQUES

Paper–FT-301-F

Time allowed : 3 hours]

[Maximum marks : 100

Note : Attempt any five questions. Question No. 1 is compulsory and attempt at least one question from each section.

1. (a) What is electric saw.
- (b) What do you mean by an ambulance ?
- (c) How will you provide the rescue to fire incident situation.
- (d) What are the composition of air.
- (e) Which types of rescue will be provided in flood.

5×4=20

Section–A

2. Explain the electric power tools in detail. 20
3. Explain the working principle, application and types of small gears. 20

Section–B

4. Explain the following tenders :
 - (a) Emergency Rescue Tender
 - (b) Foam Tender. 10,10

(2)

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5. What do you mean by the following :

(a) Canteen Van.

(b) Hydraulic Platforms..

2×10=20

Section-C

6. Explain the fireman, Two, Three, Four chair and stretcher carry in detail.

7. Explain the following rescue with their remedies :

(a) Draught

(b) Tsunami.

Section-D

8. Explain the working principle, construction detail, type and application of Gas mask.

9. Explain the following term :

(a) Respiratory Physiology

(b) Breathing rate.

20
10
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10,10

