

SECTION-C

Note: Long answer type questions. Attempt any three questions. 3x10=30

- Q.3 Discuss in detail about Hose drill practice of cleaning, repair & maintenance.
- Q.4 What is the principle of CO₂ water type extinguisher? Discuss refilling of fire extinguishers.
- Q.5 Discuss in detail about Airline equipments and their testing & maintenance.
- Q.6 Write the construction of different types of ladders. Describe the escape & hook ladders.
- Q.7 Discuss in detail about different cutting sets.

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No. of Printed Pages : 4

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4th Sem.

Subject : Fire Tech. & Safety

Time : 3 Hrs.

M.M. : 100

SECTION-A

Note: Very Short Answer type questions. Attempt any 15 parts. (15x2=30)

- Q.1 a) Name of vapour forming liquids.
- b) Types of different Water Tenders.
- c) Need of ISI standard?
- d) Define hook ladder using in fire fighting.
- e) What is Foam making?
- f) Write the name of cutting tools used in fire fighting.
- g) What are the disadvantages of dry chemicals?
- h) Define escape ABS extinguisher?

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- i) Define charging of cylinders.
- j) Hallon cleaning agent.
- k) Uses of cutting tools.
- l) Define face mask & its two uses.
- m) What is hose lorry?
- n) Characteristics of protective cloth material.
- o) Properties of material used in protective clothing.
- p) Write the features of Breakdown Van.
- q) Different fire pumps used in fire fighting.
- r) Write about small gears.
- iii) Difference between Emergency Tender & Foam Tender.
- iv) Write the working of Hallon.
- v) What are the check points for different types of fire tenders?
- vi) Write the names of different types of foams, discuss any one in detail.
- vii) Write about repair and testing of equipments?
- viii) Describe the proper procedures of checking and maintenance of fire engines.
- ix) Use of Canteen van.
- x) What is hydraulic platform?
- xi) What are the advantages of dry chemicals?
- xii) Write about fire fighting engines.
- xiii) Explain extension ladder working.
- xiv) Discuss different type of hose materials.
- xv) Write about recharging of fire extinguishers.

SECTION-B

Note: Short answer type questions. Attempt any ten parts 10x4=40

- Q.2
- i) How to operate the fire extinguishers.
 - ii) Write down the types & uses of jacks.

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