

SECTION-C

No. of Printed Pages : 4

Roll No.

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

- Q.3 Discuss the possible causes of fire at airport.
- Q.4 Discuss the need of non conducting extinguishing agents in detail.
- Q.5 How the study of chemicals gases & dangers involved in handling of them is necessary for store incharge?
- Q.6 What is the criteria for assessing the fire properties of building material & its need?
- Q.7 Discuss the need to cross checking the proper filling and expiry of fire extinguishers.

3rd Sem. / Fire Tech & Safety

Subject : Fire Prevention

Time : 3 Hrs.

M.M. : 100

SECTION-A

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

- Q.1 a) Define fire extinguishing agents.
- b) What are dangerous chemicals?
- c) What is short circuit?
- d) Give the names of fire extinguishing agents.
- e) Define wall collapse.
- f) What is smoke sensor?
- g) Expand BIS.
- h) Need of master record.
- i) Properties of fire.

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- j) What is short circuit?
- k) Properties of asbestos.
- l) What is ladder drill?
- m) Maintenance of fire tenders.
- n) Specifications of hoses.
- o) Expand ATC tower.
- p) Define hanger.
- q) What is special risk?
- r) What is static charge?

SECTION-B

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

- Q.2
- i) At the time of fire, need of arrangements at Oxygen enriched area.
 - ii) Discuss the codes of practice.
 - iii) What is the important role of BIS?

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- iv) Write about fire risks at diesel based power generation stations.
- v) Precautions at the industry with heavy boilers.
- vi) Discuss the causes of fire in hospitals shopping malls.
- vii) Write the safety technique for very high buildings.
- viii) Discuss the arrangements at airport runway.
- ix) Characteristics of industrial materials.
- x) Discuss maintenance record of fire equipments.
- xi) Discuss specifications of any fighting installation.
- xii) Fire fighting at suffocated environment .
- xiii) Discuss preventive maintenance of air craft.
- xiv) Classification of smoke.
- xv) What is dangerous chemical?

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