

- Q.24 Explain the various types of fire warning systems.
- Q.25 Discuss the need of fire extinguishing agents in detail.
- Q.26 How do you prevent fire at airport?
- Q.27 Describe the various functions of NBC
- Q.28 Discuss the principal of fire fighting installation.
- Q.29 What are the places of high life risk ?
- Q.30 Discuss the need of cross checking the proper filling and expiry of fire extinguishers.
- Q.31 Discuss the possible causes of fire at airport.
- Q.32 Discuss the risks associated with aircraft construction .
- Q.33 Write the safety technique for very high risk buildings.
- Q.34 Discuss the follow up procedure to prevent fire.
- Q.35 Discuss the various causes of wall collapse in case of fire.

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x10=20)

- Q.36 Discuss the various codes of practice prepared by Bureau of Indian Standards.
- Q.37 Explain the rescue and fire fighting technique used in air craft.
- Q.38 What are the basic causes of fire and its prevention ?

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Roll No.

3rd Sem / Branch : Firetech. and safety

Subject:- Fire Prevention

Time : 3Hrs.

M.M. : 100

SECTION-A

Note: Multiple choice questions. All questions are compulsory (10x1=10)

- Q.1 _____ a closed building structure to hold aircraft.
- a) Airplane Hanger b) Runway
- c) Air station d) None of these
- Q.2 ARFF stands for _____
- a) Aircraft Rescue Fire Force
- b) Aircraft Rescue Fire Fighting
- c) Automobile Rescue Fire Fighting
- d) Automobile Rescue Fire Force
- Q.3 Dry Chemical such as BC or ABC extinguishers should not be used on fires involving:
- a) Inflammable Gas b) Inflammable Liquid
- c) Combustible Solid d) Combustible Metal
- Q.4 The _____ is the number of square feet of floor area required per occupant:
- a) Exit capacity b) Exit Discharge
- c) Occupant Load d) Travel distance

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- Q.5 Industrial safety management is that branch of management which is concerned with _____ hazards from the industries:
- Reducing
 - Controlling
 - Eliminating
 - All of the above
- Q.6 Flammable liquids having flash point 23°C and above but below 65°C is _____ liquid:
- Class A
 - Class B
 - Class C
 - None of the above
- Q.7 All static water tanks for firefighting shall normally be located within _____ of the risk to be protected :
- 60 meter
 - 100 meter
 - 120 meter
 - 150 meter
- Q.8 The phases of burning / combustion is depend on :
- The amount of time the fire has burnt
 - The ventilation characteristics of the confining structure
 - The amount and type of combustibles present
 - All of the above
- Q.9 Combustible solids with specific surface of more than 20 sq. cm/gm termed as :
- Tinder
 - Kindling
 - Bulk fuel
 - All of the above

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- Q.10 Material with _____ specific heat will heat up more rapidly in fire conditions :
- Low
 - High
 - Low or High
 - None of the above

SECTION-B

Note: Objective type questions. All questions are compulsory. (10x1=10)

- Q.11 What is smoke sensor ?
- Q.12 What are Hazardous chemicals ?
- Q.13 What is manual suppression ?
- Q.14 Define Grading Occupancy
- Q.15 What is full form of BIS
- Q.16 What do you mean by fire prevention ?
- Q.17 Name two hazardous chemicals.
- Q.18 Write full form NBC
- Q.19 Define structural protection.
- Q.20 What is the use of pressurize tunneling ?

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

- Q.21 Write brief description about fire protection in building.
- Q.22 Give brief description about Airport runways.
- Q.23 Discuss the role and importance of water resources in case of fire.

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