"प्रश्नपत्रिका उत्तरपत्रिका के साथ जोड़ना अनिवार्य है।"

"QUESTION PAPER MUST BE ATTACHED ALONG WITH THE ANSWER BOOK."

May, 2012

ASSOCIATESHIP EXAMINATION
GENERAL FIRE HAZARDS

Marks

Q.1 Answer Any Three:

a) What do you mean by contributory hazard. Give examples of Fire Contributory hazard.

b) State the distributions between General hazards and special hazards.

c) Which are the originating or inception hazards of Fire?

d) What are three factors simultaneously required to be present for combustion to take place.

Q.2 Answer Any Three of the following:

a) Write a short note on bituminous coated roof material.

b) How buildings are graded for fire resistance as per national fire code?

c) What is conduction and what is radiation?

d) Differentiate between explosion and implosion.
Q.3 Write short notes on Any Three of the following:
   a) Soda-acid extinguisher
   b) Foam extinguishers
   c) Carbon di-oxide extinguisher
   d) Glass bulb Sprinklers

Q.4 Describe Any Two:
   a) Use of Sulphuric Acid in chemical industries pointing out the hazards and prevention methods in its use.
   b) Inorganic Salts indicating hazards of some of more commonly used salts.
   c) Hazards of widely used Alcohols viz - Ethyl Alcohol and Methyl Alcohol?

Q.5 Answer Any Two:
   a) Describe Exposure hazard and state how it arises.
   b) Distinguish between External exposure and Internal exposure
   c) State how exposure hazard is caused due to unsatisfactory Party Walls.
Q.6 Explain Any Two of the following:
   a) Fire hazards in use of electricity?
   b) Hazards associated with common electrical equipments used in the industry.
   c) Causes of furnace explosion.

Q.7 “विल्ड़िंग की ऊंचाई और आकार बढ़ने के साथ ही आग का खतरा भी बढ़ जाता है”
   - स्पष्ट कीजिए।

Q.7 “Fire hazard increases with height and size of the building” - Explain.

Q.8 Enumerate the factors which constitute bad House Keeping in the Management of Risks?

Q.9 विभिन्न प्रकार के अग्नि-शामक यंत्रों के प्रयोग, लाभ तथा उनकी सीमाओं के बारे में बताए।

Q.9 State the use, advantages and limitations of various Fire extinguishers.

Q.10 आग लगने के प्रमुख कारणों को चर्चा कीजिए और अग्नि जोखिम रोकने एवं उन्हें कम करने के
   बारे में आपने विचार व्यक्त कीजिए।

Q.10 Discuss major ‘Causes of Fire’ and express your views on the prevention and minimisation of Fire hazards.

समाप्त

END

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