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**2703N1143**

Candidate's Seat No : \_\_\_\_\_

**B.Sc. (F&S) Sem.-5 Examination**

**CC-2**

**Salvage & Fire Accident Investigation (New)**

**March-2025**

**Time : 2-30 Hours]**

**[Max. Marks : 70**

All questions carry 07 marks:

Q.No1(a)What is an accident,what is the difference between incident and accident.,Give a complete list of different types of accidents.

Q.No1(b)Why conduct investigation Explain' six step' process for conducting accident investigation.

OR

Q.No1(a)Why sketches of accident scenes are important, and write down some sketcher pointers.

Q.No1(b)Explain Steves "Seven Rights" of the interview process.

Q.No2(a)Write short notes on any two

single event theory, The Domino theory, Multiple cause theory

Q.No2(b)How many categories of events are there, out of that describe Actual event and Assumed event.

OR

Q.No2(a)List out at least 5 forms of harmful forms of energy and in detail explain 3 forms.

Q.No2(b)Explain Surface causes of accidents and root causes of accidents.

Q.No3(a)Define arson and types of Arsons.

Q.No3(b) Briefly describe Bhopal Gas tragedy,

OR

Q.No 3(a) Explain Uphar cinema fire ,what went wrong.?

Q.No3(b)Based on Arson investigation write short notes on any 2.

Visual inspection, note taking, photography, forensic investigation

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Q.No.4(a), Define salvage, phases of salvage, and concept of salvage at planning stage.

Q.No.4(b) Write short notes on any three forcible entry, ventilation, dewatering, covering of goods

OR

Q.No.4(a). What do you understand by Damming, removal of water and use of manholes.

Q.No.4(b) Explain in details how would you take care and do the maintenance of covers.

Q.No.5 MCQ Each carries one mark.

(14)

1. What is full form of O S H A -----

2. Sketches should be preferably made on paper size

8"x10" 8"x12" 10"x12" 12"x12"

3. There are how many categories of Events 1, 2, 3, 4

4. Which one is not the form of thermal energy

Excessive heat, flame propagation, corrosive, extreme cold,

5. No hazard, no exposure = no -----

6. Which works as a barrier between Workers and hazard

wood, plastic, P P E, none

7. Union carbide plant Bhopal was manufacturing which chemical

Talcum powder, cream, pesticide, caustic soda

8. How many people were exposed to MIC leak in Bhopal

300000, 400000, 500000, 600000.

9. In which year MIC leak in Bhopal occurred 1982, 1983, 1984, 1985,

10. Which property of MIC is incorrect

flammable, yellow colour, soluble in water, reactive with water

11. In which year Uphar cinema fire took place 1995, 1996, 1997, 1998

12. Auger is a tool used for making bore, slope, joint none

13. Complete the sentence Effective salvage is = Good -----,-----

14. Harmful transfer of energy is which cause of injury

indirect cause, direct cause, reverse cause, natural cause.