

PART – B: (Short Answer Questions)**(2 x 10=20 Marks)**Q.2. Answer ALL questions

	[CO#]	[PO#]
a. List out the types of Fire Extinguisher.	CO1	PO1
b. Classify various types of Foam.	CO1	PO1
c. Define the meaning of Heel and toe of fire.	CO1	PO1
d. Explain various types of Self-Contained Breathing Apparatus?	CO2	PO1
e. Give an example of Oxygen-Deficient Environments.	CO2	PO1
f. What is the first step in emergency planning?	CO3	PO1
g. Classify various types of Ropes.	CO3	PO1
h. Explain types of coupling used for hose fitting.	CO2	PO1
i. How are hazards controlled in a confined space?	CO4	PO1
j. What is the goal of a risk assessment?	CO4	PO1

PART – C: (Long Answer Questions)**(10 x 4 = 40 Marks)**Answer ALL questions

	Marks	[CO#]	[PO#]
3. a. Explain function of the fire extinguisher and state its operation.	5	CO1	PO1
b. Describe what factors will affect a flammable liquid fire.	5	CO1	PO1
(OR)			
b. Locate three types of fires that occurred in your workplace. Analyze each fire and identify the following:	10	CO1	PO1
• The fuels involved			
• The ignition source			
• Methods of heat transfer			
• Methods of fire extinguishment.			
4. a. Identify basic inspection, care, and maintenance methods for fire hose.	10	CO2	PO1
(OR)			
b. Classify various types of gear used in firefighting.	5	CO2	PO1
c. Describe basic hose rolls.	5	CO2	PO1
5. a. Explain the benefits of a code enforcement system.	10	CO3	PO1
(OR)			
b. Write one case study on incendiary apartment house fire. Explain with the events details.	10	CO3	PO1
6. a. Develop a safe work system for a construction Industry?	5	CO4	PO3
b. Write short notes on Safety values and Principles.	5	CO4	PO1
(OR)			
c. Write any of the six unsafe conditions of Industrial accidents?	10	CO4	PO1

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