

- Q.19 Explain hazards coming out of gases/ chemicals.
- Q.20 Explain boiling liquid expansion vapor explosion.
- Q.21 What are hazard prevention techniques?
- Q.22 What are the precautions to take in care of explosive dust, gases, and vapors?

No. of Printed Pages : 4
Roll No.

222255C

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

- Q.23 Explain different types of Hazards.
- Q.24 Explain various types of fire extinguishers with their application.
- Q.25 Explain different types of accidents in industries.

Time : 3 Hrs.

M.M. : 60

SECTION-A

Note: Multiple choice questions. All questions are compulsory (6x1=6)

- Q.1 What does PPE stand for in the context of Industrial safety?
- a) Personal property equipment
 - b) Personal protective equipment
 - c) Proper personal engagement
 - d) None of the above
- Q.2 When should you wear safety goggles in workplace?
- a) Only when you feel like it
 - b) When working with chemicals or in dirty environment.
 - c) During coffee breaks
 - d) Never

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- Q.3 What is the first step in one event of a fire in workplace?
- Sound the alarm
 - Extinguish the fire
 - Evacuate the building
 - Call a
- Q.4 What does 'LOTO' stand for in context of Industrial safety?
- Lots of tools & options
 - Leave out the obstacles
 - Lockout/tag out
 - Lights out, turn off
- Q.5 What should you do before using a piece of machinery for the first time?
- Nothing, just start it up
 - Check the equipment's manual
 - Ask your co-worker
 - Go for a coffee break
- Q.6 Why is it important to properly store chemical in a workplace?
- It makes the workplace look tidy
 - It saves money
 - To prevent accidents and exposure
 - To make it easier to find chemical

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. (6x1=6)

- Q.7 Define safety in Industries?
- Q.8 What is Toxicity?
- Q.9 What is First Aid?
- Q.10 What are flammable liquids?
- Q.11 Name any one type of Industrial accident.
- Q.12 Name any one type of industrial fire.

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

- Q.13 What is the importance of safety in chemical process industry?
- Q.14 What is the effect of toxicity on ecosystem?
- Q.15 How to do promotion of safety practices?
- Q.16 What is the concept of Fire triangle?
- Q.17 Explain the concept of Flammability.
- Q.18 Explain the proper methods of chemical storing & transporting.