

F.Y. B.Sc.
CHEMISTRY
SEC-101-CHE (A)-T: Chemistry Laboratory Skills – I
(2023 NEP Pattern) (Semester - I)

QUESTION BANK

1	RAMP stand for?
2	Enlist the appropriate lab protective equipment.
3	What is the primary goal of GLP?
4	What is hazard?
5	What is MSDS?
6	GHS stands for?
7	What is acute toxicity?
8	What is carcinogen?
9	What is cryogen?
10	What types of chemicals are considered corrosive?
11	What precautions should be taken when storing corrosive chemicals?
12	What steps should be taken before purchasing chemicals for the laboratory?
13	What are key safety considerations during common laboratory operations?
14	Define the term toxin.
15	Name a common household oxidizer.
16	Why gases like ammonia and chlorine considered as hazardous?

17	Describe the PASS technique for using a extinguisher.
18	Explain the types of laboratory hazards in brief.
19	Explain the significance of the skull and crossbones symbol on a chemical label?
20	What are the sources of exposure to hazardous substances by skin contact?
21	Which are the safety ethics?
22	Why it is important to label all chemical containers in the lab.
23	What is PPE in laboratory?
24	What is laboratory incident?
25	Write the four principles of safety RAMP?
26	What is safety culture in lab?
27	What is the primary goal of GLP?
28	Why it is important to label all chemical containers in the lab?
29	What should a student do if they notice an unsafe condition in the laboratory?
30	Explain how students can minimize harm to the environment while conducting experiments in the laboratory.
31	Write short notes on fire triangle.
32	State basic safety rules in laboratory.
33	Explain the role of students in laboratory.
34	What precautions measures should take to avoid laboratory incident?
35	What is GLP? Give the principles of good laboratory practices.
36	What Is The Purpose Of A Material Safety Data Sheet (MSDS)?
37	What is SOP? How to write standard operating procedure (SOP)?

38	Give the common sources of inhalation exposure and explain its control measures in laboratory?
39	What are corrosives? Write guidelines on storage of corrosives.
40	Write a note on handling of hazardous chemical wastes.
41	Write short notes on i) safety rules ii) RAMP
42	Give the factors affecting on toxicity.
43	Write short notes on first aid kit.
44	How to store water reactive chemicals?
45	Give the common sources of ingestion exposure and explain its control measures in laboratory.
46	Explain mercury toxicity in short.
47	Write a note on chemical spill.
48	Write short notes on chemical hazards.
49	Write short notes on radiation hazards.
50	Write short notes on biological hazards.