**F.Y. B.Sc.**

**CHEMISTRY**

**SEC-101-CHE (A)-T: Chemistry Laboratory Skills – I**

**(2023 NEP Pattern) (Semester - I)**

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**QUESTION BANK**

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| **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. |