Question Bank
CHA-4104

Section I

1. may be the part of building safety equipments.
2. Extinguisher are effective against the burning paper and trash.
3. have adverse effect on the structure or function of central or peripheral nervous system.
4. are the substances that cause the chromosomal damage.
5. Radiofrequency and microwave frequency is used in …….

Answer in one sentence.

1. Explain the flammable,Explosive and Reactive Chemicals.
2. Define Biohazard.
3. What is the use of CO_2 Fire extinguishers.
4. For which purpose Met-L-X Fire extinguishers is used.
5. Write down the use of Respirators.
6. Write the use of safety shields.
7. Enlist the routes of exposure for toxic chemicals.
8. Enlist the different types of fire extinguishers.
9. Define acute toxicants.
10. What is mean by irritants.
11. Enlist the corrosive substances.
12. Define asphyxiants.
13. Enlist the different types of neurotoxins..

14. Define carcinogens.
15. Explain the flammability characteristics.
16. Write down the example of oxygen oxidants.
17. Enlist the ignition sources.
18. Define the Exothermic reaction.
19. Define Green chemistry.
20. Explain the steps for receiving the chemicals in the laboratory.

Short Note on

1. Write a note on safety shower and eye wash unit.
2. Write a note on effect of neurotoxins.
3. Write a note on effect of Reproductive and developmental toxins.

Long answer questions

1. Write down the ten steps to established safety and security in management system.
2. Explain the different types of fire extinguishers.
3. Explain the different routes of exposure for toxic chemicals.
4. Explain the irritants, corrosive, allergens and sensitizers.
5. Explain in detail reactive hazards and explosive hazards.
6. Explain the different types of physical hazards.
7. Write a note on principal of green chemistry.
8. Explain the guideline for storage of chemicals.
9. Discuss the need of safety and security in laboratory.

Section II

Objective Questions

1. GLP stands for…….
2. GMP stands for……
3. TDR stands for…….
4. OECD stands for…..
5. SOP stands for……
6. COC stands for…..

7.Gloves are suitable for incidental contact with chemicals.

8. Liquids that have flash point------ that has the potential to cause the fire.

Answer in one sentence

1. Define Waste and who is responsible for waste.
2. Enlist the properties of Hazardous waste.
3. Draw the symbol for i) Explosive ii) oxidizer iii) Flammable iv) Corrosivity v) Reactivity vi) Irritant
4. Define Flash Point.
5. Enlist the fundamental principles of working with chemicals.
6. Explain in detail careful planning for working with chemicals.
7. Explain different types of safety gloves.
8. Why the labeling of waste container is necessary?
9. What is Corrosivity?
10. Discuss the general procedure for working with electrical equipment.

Short Note

1. Write a note on working with biohazardous material.
2. Write a note on Cryogenic liquids.
3. Write a note on GLP.
4. Explain in short GMP.
5. Write a note on Incineration.
6. Write a note on Spill containment.
7. Write a note on Handling of flammable gases.
8. Write a note on reduction of exposure of chemicals.
9. Spill clean up
10. Reduction of multihazardous waste
11. Disposal of non hazardous waste
12. Write a note on specific chemical hazards of selected gases.
13. Write a note on transfer, transport and shipments of chemicals.

Q. 4) Short answer questions.

1. Explain the guidelines for containers and equipment use to store the chemical.
2. Explain the guidelines for storage of cold chemical.
3. Explain the guidelines for flammable and combustible liquids.
4. Give the precautions for storing the carcinogen, reproductive , toxins and chemicals.

Long answer Questions.

1. Explain different steps for managing waste.
2. Write a note on Disposal options.
3. Write a note on general procedures for working with hazardous chemicals.

4. Explain in detail Working with substances of high toxicity.
5. Discuss the working with flammable chemicals.
6. Discuss the working with highly reactive and toxic chemicals.
7. Explain the working with Electrically powered equipment.
8. Explain in detail the working with compressed gases.
9. Explain the working with high and low pressure and temperature.
10. What are the different types personal protective equipments.
11. Discuss the drug development process.
12. Explain in detail GLP and its applications.
13. Give the fundamental points of GLP.
14. Write a note on Rules for conduct of studies.
15. Explain the standard operating procedure.
16. Explain in detail the overview of SOP system.
17. Discuss in detail the protocol amendments.
18. Write a note on Approval of protocol.