



**Pharmaceutical Quality Assurance Hazards and Safety Management -II**

**Q.P. CODE: 5161**

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary.

**LONG ESSAY (Answer any Three)**

**3 X 10 = 30 Marks**

1. Discuss in detail ICH guidelines on risk management methods and tools.
2. Explain in detail the different sources and types of hazards.
3. Discuss in detail the various natural resources of earth and their associated problems.
4. Discuss the role of fire extinguishers in managing different classes of fire.

**SHORT ESSAY (Answer any Nine)**

**9 X 5 = 45 Marks**

5. What is an ecosystem? Discuss the basic functions of ecosystem.
6. Write a note on critical hazard management system.
7. Discuss the TLV concept in hazard and risk management.
8. What are BOD and COD? How are they measured?
9. How over exposure to chemicals managed in an industry.
10. Discuss the hazards of radio isotopes.
11. Discuss the process of critical training for risk management.
12. Discuss the Schedule 2 of Factories Act.
13. How are combustible gases, toxic gases and oxygen displacing gases managed in an industry?
14. Discuss the fundamentals of accident prevention.

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