

**B R A BIHAR UNIVERSITY, MUZAFFARPUR**  
**DIRECTORATE OF DISTANCE EDUCATION**  
**PARAMEDICAL/SHORT TERM COURSE**  
**ELECTRICAL SAFETY, ELECTRIC SHOKS & THEIR PREVENSION**  
**MODEL QUESTIONS**  
**SAFETY MANAGEMENT: 2<sup>ND</sup> SEMESTER : 4<sup>TH</sup> PAPER**

- Q. 1. Discuss about the introduction to Electrical Safety.
- Q. 2. What do you mean by the installation of Earthing System?
- Q. 3. Explain the phenomenon of Electric Shock.
- Q. 4. Mention the industrial substances causing Chemical Hazards.
- Q. 5. What are the various causes of Mechanical Hazards?
- Q. 6. Write and explain the effect of electric current on heart and lungs.
- Q. 7. Discuss briefly the safety devices which are used for protecting the operators.
- Q. 8. What do you mean by Mechanical Handling Equipments?
- Q. 9. What do you mean by Industrial Toxicology?
- Q. 10. Discuss pollutants from energy conversion by Nuclear Power Plant.
- Q. 11. Discuss factors influencing the effects of toxic materials.
- Q. 12. Discuss briefly the hazards due to pressure vessels.
- Q. 13. Mention the control measures to be taken in the industry having hazardous substances.
- Q. 14. Discuss in brief the emissions from power plants and industries polluting the environment.
- Q. 15. Write short notes on any two:
  - a.) Safety measures for Gas Cylinder.
  - b.) Dust Explosion
  - c.) Incidence Analysis.

