

**B R A BIHAR UNIVERSITY, MUZAFFARPUR**  
**DIRECTORATE OF DISTANCE EDUCATION**  
**SHORT TERM COURSE: MODEL QUESTIONS (FIRE SAFETY)**  
**PAPER-I : ELECTRICAL SAFETY**

- Q. 1. Define equipment earthing & grounding or safety earthing.
- Q. 2. What is primary shock? Explain.
- Q. 3. What are results of secondary types of shock?
- Q. 4. On the basis of material involved, Classify types of fires.
- Q. 5. What are advantages of neutral earthing?
- Q. 6. What are objectives of safety measure and studies?
- Q. 7. Explain how earthing is useful in preventing shock.
- Q. 8. What are the basic objectives of equipment earthing?
- Q. 9. Write the concept of maintenance and inspection of earthing system.
- Q. 10. What do you mean by static electric charges?
- Q. 11. What is the effect of electric current through a part of human body?
- Q. 12. What is the effect of loose connection in power circuit?
- Q. 13. Write most commonly used coolant for fire prevention.
- Q. 14. Write the concept of discharge of electrical energy through ionized gas.
- Q. 15. Write short notes on any two:
  - a.) Explosion
  - b.) Safety Devices
  - c.) Preventive Actions.