

CHAPTER – Electrical Installations

1. What is the function of fuse in an electrical circuit? State the desirable properties of fuse element.
2. Give the circuit diagram of ELCB. Explain its working in brief.
3. What is earthing? Explain requirement of earthing for any electrical equipment.
4. List various protective devices used in the electric circuits and compare working of ELCB with MCB.
5. Explain the working of a miniature circuit breaker.
6. Give the comparison between fuse and MCB with regard to protection in wiring installation.
7. What is the importance of earthing in electrical laboratory?
8. Explain working of ELCB & MCB.
9. What is an electric shock? Why grounding is required?
10. State and Explain plate and pipe earthing with neat diagram.
11. What is protective relay? How does it provide protection to faulty equipment?
12. Write a short note on Electromagnetic Attraction Relay.
13. Explain the following methods of charging a battery (a) Constant current method (b) Constant voltage method.
14. What is battery? Explain the construction and working of any one.
15. Explain with neat sketch general construction of cable.
16. Explain various types of grouping of cells, also discuss rating of battery