ELECTRICAL APPLIANCES

B A, B Com & B Sc Programmes

Revised CBCS w.e.f. 2020-21 SKILL DEVELOPMENT COURSES

SEMESTER-1

Time: 90 Minutes
Marks

Max: 50

SECTION –A

Answer any FOUR of the following questions, each question carries 5 marks (4x5=20 marks)

1. State and explain Ohm’s law?

2. What is a multimeter? Give its functioning.

3. What are single phase and three phase connections?

4. What is electric shock? Write about first aid for electric shock.

5. What are IE & IS Codes?

6. Distinguish between a water heater and an induction heater.

7. What is earthing? Explain its necessity.

8. Explain the working of the microwave oven.
SECTION –B

Answer any THREE questions, each question carries 10 marks (3x10 = 30 marks)

9. Explain the construction and working of a galvanometer, ammeter and voltmeter briefly?

10. Explain about Fuses, MCB and ELCB.

11. Write the concept and working of inverter and UPS

12. Write about principle, working and servicing of electric fan

13. Write a concept of illumination and explain construction and working of LED

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