

Repair and Maintenance of Electrical Equipments

Candidates are required to give their answers in their own words as far as practicable. The figures in the margin indicate full marks.

Time: 2 hrs.**Full Marks: 50**

Pass Marks: 18 (For partial students only)

Attempt **all** questions.**Group 'A'****(Very short answer questions)**

5x2=10

1. Define and explain in brief about the need for regular maintenance of electrical appliances.
2. Describe various elements of preventive maintenance.
3. Describe the procedures for the routine maintenance of room heater.
4. Differentiate between general repair and shut down repair.
5. Explain the purpose of polarity test and voltage drop test.

Group 'B'**(Short answer questions)**

5x6=30

6. Explain the routine maintenance schedule of vacuum cleaner.
7. Write short notes on:
 - (a) Earth resistance test
 - (b) Body leakage test
8. Mention various rules and regulations on electrical safety.
9. How do you repair a faulty fan heater ? Write various steps to be done.
10. Explain the use of following in electrical wiring.
 - (a) Distribution Boards
 - (b) Feeders
 - (c) Circuit breaker

Group 'C'**(Long answer question)**

10

11. Explain the routine maintenance procedure of a water pump and fan heater. Also explain the steps for the regular maintenance of building wiring installation.