

**Repair and Maintenance of Electrical Equipments**

Model Question [2077 (2020)]

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

**Time: 45 minutes**

**Full Marks: 20**

**Group 'A'**

**Very short answer questions.**

Attempt any **two** questions.

2x2=4

1. Explain the preventive maintenance for water pump.
2. Discuss briefly about the different types of maintenance.
3. What types of faults may occur in an electric kettle and how can it be repaired ?

**Group 'B'**

**Short answer questions**

Attempt any **two** questions.

2x4=8

4. Write short notes on:
  - i. Earth resistance test.
  - ii. Body leakage test.
5. Describe the process of visual inspection to determine the causes of defect in appliances.
6. Explain the short circuit and open circuit test on single phase two winding transformer.

**Group 'C'**

**Long answer question.**

7. Why and at what situation is preventive maintenance preferred over breakdown maintenance ?

8