

# **LORDS INSTITUTE OF ENGINEERING AND TECHNOLOGY [A]**

## **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

### **BEE SURPRISE TEST III    UNIT 4&5    CSE C & CSD C**

Q1. A) With neat diagram explain the construction of a DC Generator.

(OR)

B) Losses of the Single phase Transformer

Q2. A) Describe the constructional features of 3-phase induction motor with suitable diagrams.

(OR)

B) Explain the construction and principle of operation of synchronous generator .

1. Q3. A) Derive the EMF equation of a transformer.

(OR)

B) Write the differences between Squirrel cage and Slip ring induction motors.