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**Hall Ticket No.**



**CMR COLLEGE OF ENGINEERING & TECHNOLOGY**

**(UGC AUTONOMOUS)**

**B.TECH III Semester- I Mid Examinations Feb– 2023**

**(Regulation: CMRCET-R18)**

**Assignment-II**

**Subject Name: BASIC ELECTRICL ENGINEERING**

**Answer ALL questions.**

1. Explain the losses in a dc machines. [L2]
2. Describe the operation of the transformer on no-load. [L2]
3. State the Principle of a Transformer and Derive the EMF equation of a Transformer with neat diagram. [L2]
4. Describe the Constructional detaitals and Principle & Operation of a three phase Induction Motor with a neat sketch. [L6]
5. Explain the Constructional details and Basic working Principle & Operation of a three phase Synchronous Generator with neat diagrams. [L2]