

Electrical Machines Objective Questions and Answers Pdf

1. In a dc motor, the shaft torque is less than armature torque. This is due to
 - a. Eddy current loss
 - b. Hysteresis loss
 - c. Stray loss
 - d. All of the above

Ans: C

2. In a transformer supplying inductive load
 - a. the secondary current results in equivalent primary current in phase opposition
 - b. the secondary terminal voltage is less than the secondary induced emf
 - c. the power factor on primary side will be lower than that of load
 - d. all of the above

Ans: D

3. Power transformers are designed to have maximum efficiency around _____ full load.
 - a. Nearly
 - b. 70% of
 - c. 50% of
 - d. 25% of

Ans: A

4. The transformer efficiency at relatively light loads is quite low. This is due to
 - a. Small copper losses.
 - b. Small secondary output
 - c. High fixed loss in comparison to the output
 - d. Poor power factor

As: C

5. Open circuit test in a transformer is performed with
 - a. Rated transformer voltage
 - b. Rated transformer current

- c. Direct current
- d. High frequency supply

Ans: A

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