





0.03 ohm, 250 ohm respectively. Calculate the generated voltage and armature current.

- Q-7**
- (b) Write short note on Auto Transformer with advantage and application. (7)
- Attempt all questions** (14)
- (a) Derive the expression for the torque developed in d.c. motor (7)
- (b) Define the term “slip” of induction motor. Draw and Explain the torque-slip characteristics of a three phase induction motor. (7)
- Q-8**
- Attempt all questions** (14)
- (a) Explain the operation of transformer on load and no load with vector diagram. (7)
- (b) Explain the Production of Rotating field of 3 Phase Supply for Induction Motor. (7)

