

Electrical Engineering Synchronous Motors Objective Questions & Answers Pdf

1. Power factor of a synchronous motor is unity when
- the armature current is maximum
 - the armature current is maximum
 - the armature current is zero
 - none of the above

Ans: B

2. In which of the following motors the stator and rotor fields rotate simultaneously?
- D.C.motor
 - Reluctance motor
 - universal motor
 - synchronous motor

Ans: D

3. The ratio of starting torque to running torque in a synchronous motor is
- zero
 - one
 - two
 - infinity

Ans: A

4. The construction of a synchronous motor resembles
- a series motor
 - an induction motor
 - an alternator
 - a rotary converter

Ans: C

5. A synchronous motor can operation at
- lagging power factor only
 - leading power factor only
 - unity power factor only
 - lagging, leading and unity power factors

Ans: D