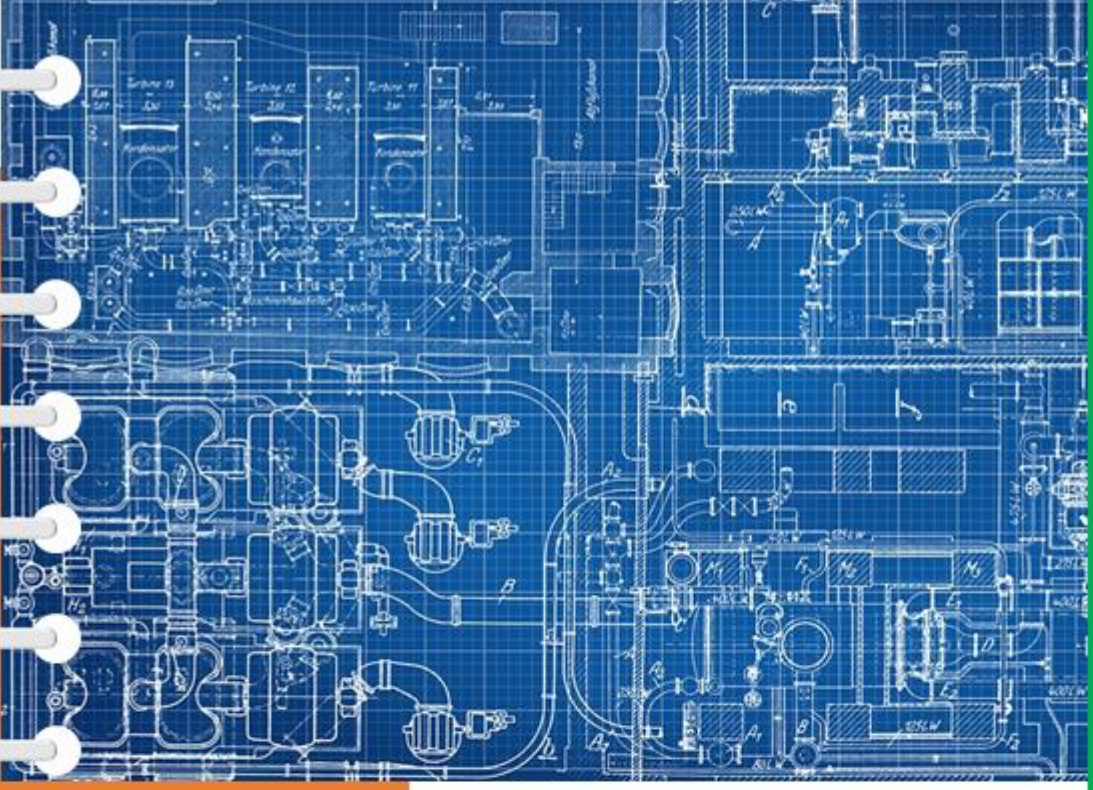

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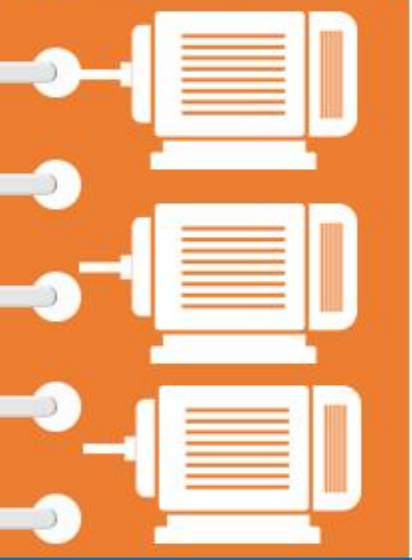

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EEE

Induction Motor MCQs

MCQ # 1

The correct statement about field current in induction motor is:

a. No DC field current is required for excitation

b. A DC field current is always required for excitation purposes

c. Two DC field currents are required

d. None of above

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MCQ # 2

The synchronous speed of a 4 pole induction moto operating at 60 Hz system is:

a 2400 r/min

b 1800 r/min

c 3600 r/min

d 8 r/min

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MCQ # 3

The slip of induction motor at no load is:

a Very high

b Very small

c Zero

d None of above

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MCQ # 4

The efficiency of induction motor is at high slips is:

a Excellent

b Same at it is an low slips

c Very poor

d Better than it is at low slips

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MCQ # 5

Major reason for using starter with induction motors:

a. Provide high torque

b. Reduce speed of motor

c. Reduce starting current

d. To reverse direction of current

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MCQ # 6

Type of induction motor in which extra resistance can be inserted into the rotor circuit

a Wound rotor induction motor

b Squirrel cage induction motor

c Both of these

d None of these

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MCQ # 7

Which one of the following is cheaper in terms of cost:

a. Wound rotor induction motor

b. Squirrel cage induction motor

c. Both of these

d. None of these

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MCQ # 8

The test of induction motor in which the slip s = 1:

a. No load test

b. Stator resistance test

c. Locked rotor test

d. None of these

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MCQ # 9

The amount of slip during No Load test of induction motor is approximately:

a 0.001

b 0.5

c 0.8

d 1

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MCQ # 10

Starting torque in Squirrel cage induction motor is:

a Zero

b Small

c High

d Very high

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