

KING FAHD UNIVERSITY OF PETROLEUM & MINERALS

ELECTRICAL ENGINEERING DEPARTMENT

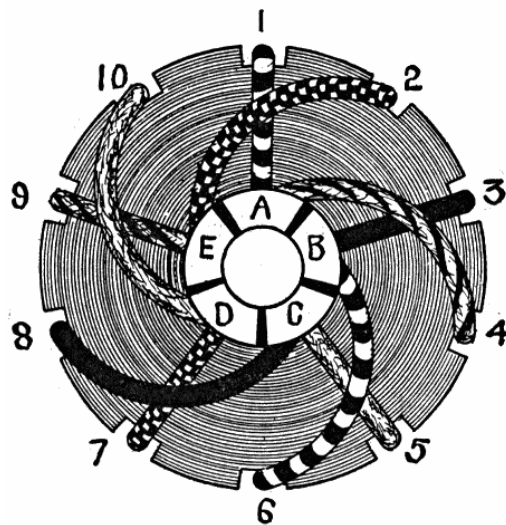
Dr. Ibrahim O. Habiballah

EE-306

Key Solution

Quiz 4 Sec.: 5 I.D.: Ser#: Name:

Q.1 The rotor below has lap armature winding. (4-points)



- a. True.
- b. False.

Q.2 In DC motors, if only the rotational losses are neglected, then (3-points)

- a. input power equal output power.
- b. input power equal converted power.
- c. output power equal converted power.
- d. copper losses equal output power.

Q.3 In DC motors, the brushes and commutators are used to convert the DC supply voltage to AC voltage in the armature winding. (3-points)

- a. True.
- b. False.