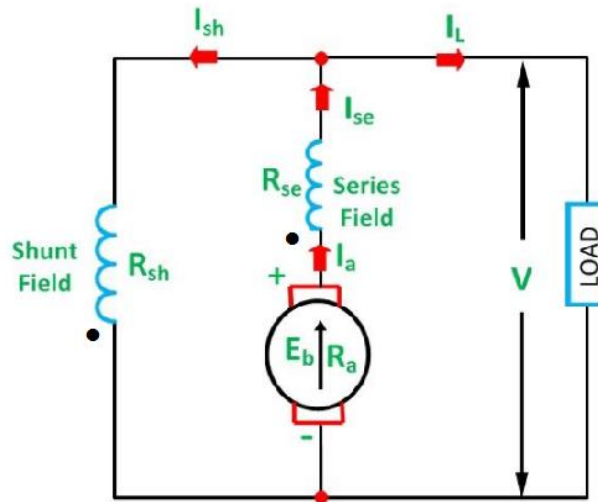


KING FAHD UNIVERSITY OF PETROLEUM & MINERALS
ELECTRICAL ENGINEERING DEPARTMENT
Dr. Ibrahim O. Habiballah
EE-306
Key Solution

Quiz 4 Sec.: 7 I.D.: Ser#: Name:

Circle the correct answer.

1) The equivalent circuit shown below is for (4 Marks)

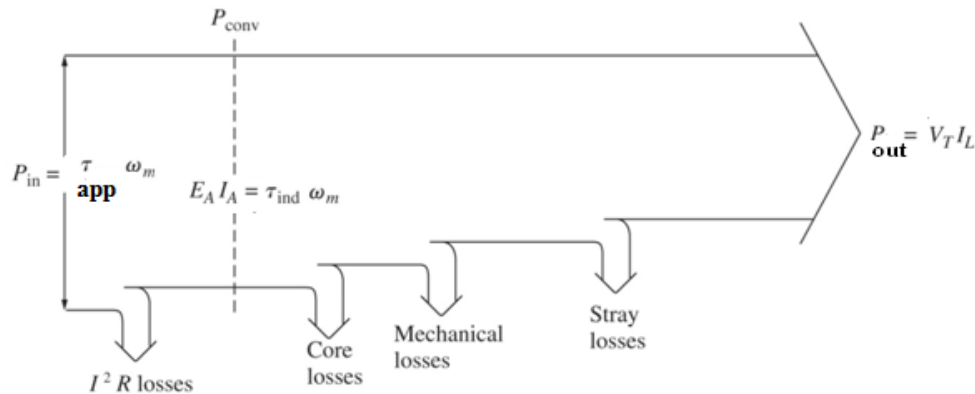


- a. Long-shunt cumulative DC generator.
- b. Short-shunt cumulative DC generator.
- c. Long-shunt differential DC generator.**
- d. Short-shunt differential DC generator.

2) The inclusion of the electrical loss due to brushes voltage drop has an impact (effect) on the value of the converted power in DC motors. (3 Marks)

- a. True**
- b. False

3) The power flow diagram below is for DC Generators. (3 Marks)



- a. True.
- b. False.**