

**KING FAHD UNIVERSITY OF PETROLEUM & MINERALS**  
**ELECTRICAL ENGINEERING DEPARTMENT**

**Dr. Ibrahim O. Habiballah**

**EE-306**

**Key Solution**

Quiz # 6      Sec.: 4      I.D.#      Name:

Circle the correct answer.

A three-phase, 50-Hz, induction motor has a full-load speed of 950 rpm. The number of poles of the motor is:

- a) 2-pole
- b) 4-pole
- c) **6-pole**
- d) 8-pole