

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

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**EE-306**

**Key Soltuion**

Quiz # 5      Sec.: 3      I.D.#      Name:

Circle the correct answer.

Two synchronous generators are to run in parallel. The first one has two-poles and runs at a speed of 3600 rpm. If the second one has eight-poles, the speed at which it should run is

- a. 1800 rpm.
- b. 1000 rpm.
- c. **900 rpm.**
- d. 750 rpm.