**Module 6 Week 4 Lesson 14 SDL**

1. How does the speed of rotation differ between synchronous and induction motors?
2. Which type of motor is commonly used in applications that require precise speed control?
3. How do synchronous and induction motors differ in terms of rotor construction?
4. How do synchronous and induction motors differ in their starting methods?
5. How do split-phase and shaded pole motors differ in terms of starting torque?
6. What is the primary difference in construction between split-phase and shaded pole motors?
7. How do split-phase and shaded pole motors differ in terms of their ability to handle heavy loads?
8. Which motor type (split-phase and shaded pole) is more commonly used in small appliances such as fans and blowers?