**Module 6 Week 4 Exercise 22**

1. What is the purpose of the capacitor in a permanent split capacitor (PSC) motor?
2. True or False: PSC motors are commonly found in HVAC systems, pumps, and blowers.
3. How is motor reversal achieved in a PSC motor?
4. Name two advantages of permanent split capacitor (PSC) motors.
5. What type of load is ideal for permanent split capacitor (PSC) motors?