**7.4 Disadvantages of Induction Motors (4 Marks)**

**1. Poor Speed Control:**  
Speed adjustment is limited and less precise, especially compared to DC motors.

**2. Low Starting Torque (squirrel cage type):**  
Not suitable for heavy-starting-load applications when compared to DC series motors.

**3. High Starting Current:**  
Draws high inrush current at startup, unlike synchronous motors which may have controlled startup.

**4. Poor Power Factor at Light Loads:**  
Operates at a lagging power factor, especially under light load, compared to synchronous motors.

**5. Lower Efficiency at Light Loads:**  
Efficiency drops off when the motor is not running near full load, unlike DC motors that perform better across a wide range.