

Quiz 4 - High Speed counter instruction using Encoders

1. What does 2500 ppr means in Encoder specification?
 - 2500 revolutions per minute
 - 2500 pulses per minute
 - **2500 pulses per revolution**
 - 2500 revolutions per second

2. What would be the rotation of encoder if A phase leads B phase?
 - **Forward or Clockwise**
 - Reverse or Anti-Clockwise

3. What would be the rotation of encoder if we get the following decimal sequence:
Decimal: 3 2 0 1 or in Binary: 11 10 00 01
 - Forward or Clockwise
 - **Reverse or Anti-Clockwise**

4. Which operating phase is best recommended to measure the position of an encoder with direction?
 - Single phase
 - Two Phase
 - A/B Counter
 - **A/B Counter fourfold**

5. If the resolution of Encoder is 800 pulses per revolution, using four fold operating phase we get _____ pulses per revolution.
 - 200
 - 800
 - 1600
 - **3200**