



Curriculum Pre/Post Test Unit 3

1. The VEXnet system uses which frequency band to communicate wirelessly?
 - A. 61 Hertz
 - B. 900 MHz
 - C. 2.4 GHz
 - D. 5.4 GHz

2. The VEX Cortex microcontroller has how many motor ports?
 - A. 6
 - B. 8
 - C. 10
 - D. 12

3. The VEX Cortex microcontroller has how many digital I/O?
 - A. 6
 - B. 8
 - C. 10
 - D. 12

4. The VEX Cortex microcontroller has how many analog inputs?
 - A. 6
 - B. 8
 - C. 10
 - D. 12

5. How many analog channels are on the VEXnet Joystick?
 - A. 2
 - B. 4
 - C. 6
 - D. 8

6. How many trigger buttons are on the VEXnet joystick?
 - A. 2
 - B. 4
 - C. 6
 - D. 8



7. How many 4 button directional pads are on the VEXnet joystick?
 - A. 2
 - B. 4
 - C. 6
 - D. 8

8. What kind of cable is used to pair a VEX Cortex microcontroller and a VEXnet joystick together?
 - A. PWM cable
 - B. Y-cable
 - C. USB A to A cable
 - D. Serial cable

9. The _____ code inside the VEX Cortex microcontroller allows the user to configure and operate the robot without having to program the robot.
 - A. Basic
 - B. Default
 - C. User
 - D. Custom

10. In tank drive mode, how many joysticks are used to operate the robot?
 - A. 1
 - B. 2
 - C. 3
 - D. 4