

Study Guide - CNC Principles

Multiple Choice

Identify the choice that best completes the statement or answers the question.

- _____ 1. In CNC Machining, G90 (absolute coord. system) and G91 (incremental coord. system) would make a difference in which of the following?
- a. The toolpath
 - b. The direction of cutter rotation
 - c. The machine origin
 - d. All of the above
- _____ 2. In CNC machining, how are the primary linear axes designated?
- a. A, B, C
 - b. X, Y, Z
 - c. U, V, W
 - d. I, J, K
- _____ 3. In CNC machining, how are the primary rotary axes designated?
- a. A, B, C
 - b. X, Y, Z
 - c. U, V, W
 - d. I, J, K
- _____ 4. On a typical four axis wire EDM machine, one set of coordinates is designated as X and Y. How are the other two axes identified?
- a. A and B
 - b. U and V
 - c. I and J
 - d. X2 and Y2
- _____ 5. When identifying axes on a typical machine tool, this axis is usually the easiest to find because it is the axis about which the spindle rotates.
- a. The X axis
 - b. The Y axis
 - c. The Z axis
 - d. The rotary axis
- _____ 6. Which of the following is true?
- a. A is rotation about the X axis
 - b. B is rotation about the Y axis
 - c. C is rotation about the Z axis
 - d. All of the above