Unit 7 - Week 05

Assignment 05

The due date for submitting this assignment has passed.
As per our course rules you have not submitted this assignment.

1) Control Loop with delays and decides the part program and passes information to data processing unit.
   - True
   - False
   1 point
   No, the answer is incorrect.
   Accepted Answers:
   True

2) Simultaneous two axis control is a primary need for:
   - Point to point
   - Contour control
   - Both point to point and point to point
   - None of these
   1 point
   No, the answer is incorrect.
   Accepted Answers:
   Contour control

3) Which of the following is/are CMC machining:
   - CNC machining without cooling fluid
   - Checking program quality without actually cutting parts
   - Monitoring the component with heating or temperature variations
   - To virtually simulate the program in the software using actual CNC machine
   1 point
   No, the answer is incorrect.
   Accepted Answers:
   Checking program quality without actually cutting parts, CNC machining without cooling fluid

4) True or false: CNC part programming, which command code is unique and cannot be used for other block statement in the same program (Standard Notation).
   1 point
   No, the answer is incorrect.
   Accepted Answers:
   True

5) What will be the correct code for incremental programming in the following part?

```
   G00 X10 Y5
   G01 X20 Y10
   G00 X15 Y15
   G01 X25 Y20
```
   1 point
   No, the answer is incorrect.
   Accepted Answers:
   G00 X10 Y10

6) In the CNC programming E & T are the standard rotations used for _______ & _______ respectively.
   - Function, Spindle & Tool selection
   - Feed rate, Spindle Speed & Tool speed
   - Feed rate, Spindle speed & tool selection
   - Function, Speed & Tool selection
   1 point
   No, the answer is incorrect.
   Accepted Answers:
   Function, Speed & Tool selection

7) Maximum speed is attained by the tool in rapid traverse operation, since during this time no machining is taking place.
   - True
   - False
   1 point
   No, the answer is incorrect.
   Accepted Answers:
   True

8) Automatically Programmed Tool is a low-level computer programming language.
   - True
   - False
   1 point
   No, the answer is incorrect.
   Accepted Answers:
   False

9) During the execution of a CNC part program block, N000 X0 Y10 Z20 F1000 the type of tool motion will be:
   - Circular interpolation – clockwise
   - Circular interpolation – counter clockwise
   - Linear interpolation
   - Np tool feed
   1 point
   No, the answer is incorrect.
   Accepted Answers:
   Circular interpolation – clockwise

10) Which of the following code is used in thread cutting in turning?
    - G01
    - G02
    - G03
    - G04
    1 point
    No, the answer is incorrect.
    Accepted Answers:
    G03