Assignment 03

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

1) In NC part programming, a series of coded instructions is required to produce the part.  
   - True  
   - False  
   
   *No, the answer is incorrect.*  
   *Score: 0*  
   *Accepted Answers: True*

2) In helical interpolation, few tangents values using higher order equations are used.  
   - True  
   - False  
   
   *No, the answer is incorrect.*  
   *Score: 0*  
   *Accepted Answers: False*

3) To control auxiliary control function in CNC machines we use:  
   - CPU  
   - PLC  
   - G-code  
   - None of these  
   
   *No, the answer is incorrect.*  
   *Score: 0*  
   *Accepted Answers: CPU, PLC*

4) For ______ geometry, we generally use absolute positioning; and in ______ geometry incremental positioning is used generally.  
   - circular, dynamic  
   - complex, complex  
   - simple, complex  
   - simple, simple  
   
   *No, the answer is incorrect.*  
   *Score: 0*  
   *Accepted Answers: simple, simple*

5) A 'Revolved Feature' is generally used to create solid models of _______ objects.  
   - asymmetric  
   - symmetric  
   - both symmetric and asymmetric  
   
   *No, the answer is incorrect.*  
   *Score: 0*  
   *Accepted Answers: both symmetric and asymmetric*

6) _______ includes the properties of both the fillet and the fillet curve.  
   - Rectangular curves  
   - Circular curves  
   - NURBS curves  
   
   *No, the answer is incorrect.*  
   *Score: 0*  
   *Accepted Answers: NURBS curves*

7) Which of these is not the major type of surfaces used in Geometric Modelling?  
   - Planar surface  
   - Curved surface  
   - Solid surface  
   - NURBS surface  
   
   *No, the answer is incorrect.*  
   *Score: 0*  
   *Accepted Answers: NURBS surface*

8) It is impossible to generate automatic views in _______ modeling.  
   - surface  
   - volume  
   - line  
   - surface  
   
   *No, the answer is incorrect.*  
   *Score: 0*  
   *Accepted Answers: line*

9) What will be the final coordinate of the triangle after scaling it with respect to the origin, with vertices at original coordinates (10,23), (10,15), (30,14)?  
   - (8.0, 10.2)  
   - (8.0, 10.2)  
   - (30, 15)  
   - (30, 15)  
   
   *No, the answer is incorrect.*  
   *Score: 0*  
   *Accepted Answers: (8.0, 10.2, 10.2)*

10) Find the angle of the triangle (4,9,1) (0,5,4) (2,3) about line y = 2 axis.  
    - 90  
    - 45  
    - 60  
    - 45  
    
    *No, the answer is incorrect.*  
    *Score: 0*  
    *Accepted Answers: 45*