Unit 4 - Integrating sub systems into larger systems

Week 3 Assessment

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

1. Accurate work during the installation of a metal punch operation
   - Is maintained using only Jig and fixtures but not key stoppers
   - Is maintained using stoppers or key with punch, Jig and fixtures
   - Is maintained by manual placements with Jig and fixtures
   - Cannot be maintained
   No, the answer is incorrect.
   Accepted Answers:
   Is maintained using stopper or key with punch, Jig and fixtures
   1 point

2. Front panel printing
   - Is done using UV print process
   - Is done using engraving and graver coating
   - Anodizing and screen printing
   - 3D printing
   No, the answer is incorrect.
   Accepted Answers:
   Anodizing and screen printing
   1 point

3. Mount the front panel height, for 7 number of rack units
   - 12.25 inches
   - 12.22 inches
   - 311.5 mm
   - 311.489 mm
   No, the answer is incorrect.
   Accepted Answers:
   12.2 inches
   1 point

4. Mounting rails on rack unit will have
   - Square nut
   - Cage nut
   - MS screw
   - HBP screw
   No, the answer is incorrect.
   Accepted Answers:
   Cage nut
   1 point

5. Spring back effect while sheet metal forming operations is handled using
   - Bending job piece after bent
   - Straightening job piece after bent
   - Over bending the job piece
   - Under bending the job piece
   - Proper bending allowances
   No, the answer is incorrect.
   Accepted Answers:
   Over bending the job piece
   1 point

6. Sheet metal operations considers
   - Material removal and additive operations
   - Additive manufacturing
   - Forming and removal operation
   - Only bending operation
   No, the answer is incorrect.
   Accepted Answers:
   Forming and removal operation
   1 point

7. Parameters needed to determine sheet metal cutting force
   - Shear strength of metal, material thickness and tensile strength
   - Material thickness, length and pulling strength
   - Material thickness, length and shear strength
   - Length, shear strength and buckling strength
   No, the answer is incorrect.
   Accepted Answers:
   Material thickness, length and shear strength
   1 point

8. Electronic control elements are chosen in the following design step
   - Product conceptualization
   - Manufacturing
   - Detail design
   - System level design
   No, the answer is incorrect.
   Accepted Answers:
   Detail design
   1 point

9. 4U is
   - 1/4 of rack unit
   - 4 rack units
   - 4 with half width
   - 4 rack height
   No, the answer is incorrect.
   Accepted Answers:
   4U with half width
   1 point

10. 16 in 18 inch rack, 1U corresponds to (value in mm)
    No, the answer is incorrect.
    Accepted Answers:
    Type: [Value in mm]
    1 point