



Curriculum Pre/Post Test Unit 13

- 1) A _____ part is a specially designed part that is designed for a specific job.
 - A. Special
 - B. Custom
 - C. New
 - D. Plastic

- 2) Autodesk _____ are two design software products that can be used for designing engineering components.
 - A. Fusion and Smoke
 - B. Inventor and Smoke
 - C. Inventor and Fusion
 - D. Smoke and Character Generator

- 3) Another name for 3D Printing is _____.
 - A. Modeling
 - B. Rapid Prototyping
 - C. Photocopying
 - D. Laser Jet Printing

- 4) Thinking outside of the box is an essential skill for _____.
 - A. Packaging manufacturers
 - B. Graphics designers
 - C. Robots
 - D. Engineers

- 5) Designing from scratch means _____.
 - A. Taking an existing design and modifying it.
 - B. Taking an existing design and copying it.
 - C. Starting a new design from the beginning.
 - D. Using a scratch mark to start your design from.

- 6) What is virtual modeling?
 - A. Modeling a design using clay
 - B. Modeling a design using card
 - C. Modeling a design using computer software
 - D. Modeling a design using foam



- 7) _____ is an export file type used for sending design information to a 3D printer.
- A. .stl
 - B. .iam
 - C. .ipt
 - D. .ipn
- 8) What do the initials CAM stand for?
- A. Computer Aided Machining
 - B. Computer And Making
 - C. Computer Aided Manipulation
 - D. Computer Aided Manufacturing
- 9) Restrictions on the parts of an assembly to control the degrees of freedom are called?
- A. Projections
 - B. Constraints
 - C. Restraints
 - D. Work Planes
- 10) What is it called if a new part design is made from a previous sketch or another part model?
- A. Bottom Up Modeling
 - B. Top Down Modeling
 - C. Interactive Modeling
 - D. Adaptive Modeling