

## Manufacturing Level 1 Quiz

**1) During the process of developing a new design for production, what is the main question to consider?**

**Select one:**

- a) What will it look like?
- b) How will it be produced?
- c) Will it be good enough?
- d) Will it Sell?

**2) Match each of the following production terms to the correct definitions.**

- |                       |   |
|-----------------------|---|
| 1. Custom Production  | a. Creating goods using human effort                                |
| 2. Mass Production    | b. Producing a large quantity of a product with the use of machines |
| 3. Job lot production | c. Producing "made-to-order" products                               |
| 4. Production         | d. Producing a specific amount of a product                         |

**3) Which of the following is NOT a part of the process for creating a new product?**

**Select one:**

- a) sales
- b) design
- c) management
- d) labor

**4) What is a factor that you cannot control during the design and production process?**

**Select one:**

- a) materials
- b) processes
- c) workers' health
- d) tools

**5) After running a production line, what questions might you ask yourself? (Choose all that apply)**

**Select one or more:**

- a) What is the name of the chief operator?
- b) What might work better?
- c) How long until my lunch break?
- d) How is the quality of the finished product?
- e) What worked well?

6) The changing of raw or processed goods into usable products is called \_\_\_\_\_.

**Select one:**

- a) rules and regulations
- b) designing
- c) quality assurance
- d) manufacturing

7) Put the 7 parts of manufacturing in order: (Place the letter A-G in the proper step)

- |              |                          |
|--------------|--------------------------|
| STEP 1 _____ | A = Sales                |
| STEP 2 _____ | B = Designing a Product  |
| STEP 3 _____ | C = Purchasing Materials |
| STEP 4 _____ | D = Processing Materials |
| STEP 5 _____ | E = Distribution         |
| STEP 6 _____ | F = Production           |
| STEP 7 _____ | G = Packaging            |

8) Before creating a product, you should do all of the following except:

**Select one:**

- a) create a prototype
- b) quality assessment
- c) sketch a final design
- d) think tank or brainstorm ideas

9) Cost constraints, available resources, and product size limits are some examples of \_\_\_\_\_ in manufacturing.

**Select one:**

- a) rules and regulations
- b) safety standards
- c) marketing
- d) quality assessment

10) Match the type of production to the correct example:

- |                       |                                     |
|-----------------------|-------------------------------------|
| 1. Mass Production    | a. A wedding cake                   |
| 2. Custom Production  | b. T-shirts for the Summer Olympics |
| 3. Job lot production | c. Toothpicks                       |