Manufacturing Level 1 Quiz – Answer Key

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

 Select one:

1. What will it look like?
2. How will it be produced?
3. Will it be good enough?
4. Will it Sell?
5. **Match each of the following production terms to the correct definitions.**

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

1. Which of the following is NOT a part of the process for creating a new product?

 Select one:

1. sales
2. design
3. management
4. labor
5. **What is a factor that you cannot control during the design and production process?**

 Select one:

1. materials
2. processes
3. workers' health
4. tools
5. After running a production line, what questions might you ask yourself? (Choose all that apply)

 Select one or more:

1. What is the name of the chief operator?
2. What might work better?
3. How long until my lunch break?
4. How is the quality of the finished product?
5. What worked well?
6. The changing of raw or processed goods into usable products is called \_\_\_\_\_\_\_\_.

 Select one:

1. rules and regulations
2. designing
3. quality assurance
4. manufacturing
5. Put the 7 parts of manufacturing in order: (Place the letter A-G in the proper step)

STEP 1 B A = Sales

STEP 2 C B = Designing a Product

STEP 3 D C = Purchasing Materials

STEP 4 F D = Processing Materials

STEP 5 G E = Distribution

STEP 6 E F = Production

STEP 7 A G = Packaging

1. Before creating a product, you should do all of the following except:

 Select one:

1. create a prototype
2. quality assessment
3. sketch a final design
4. think tank or brainstorm ideas
5. Cost constraints, available resources, and product size limits are some examples of \_\_\_\_\_\_\_\_ in manufacturing.

 Select one:

1. rules and regulations
2. safety standards
3. marketing
4. quality assessment
5. Match the type of production to the correct example:

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