

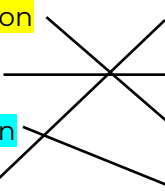
Manufacturing Level 1 Quiz – Answer Key

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

Select one:

- 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 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

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

Select one:

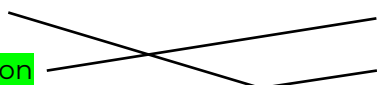


- a) create a prototype
- b) quality assessment
- c) sketch a final design
- d) think tank or brainstorm ideas

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 |