

Name: _____

Period _____

1

TEST PREP

Name: _____

Period _____

2

MANUFACTURING SKILLS TEST REVIEW #1 (ORIGINS OF MANUFACTURING)

DEFINE:

Manufacturing:

Primary Manufacturing (Define and Give an example):

Secondary Manufacturing (Define and Give an example):

Cottage Industry:

WHAT WERE SOME FACTORS THAT ENDED COTTAGE INDUSTRY AS A MAJOR METHOD OF MANUFACTURING?

-
-
-

LIST 5 KEY TRANSITIONAL COMPONENTS OF MANUFACTURING

- 1.
- 2.
- 3.
- 4.
- 5.

Name: _____

Period _____

3

Manufacturing Skills Test Review #2 (Manufacturing Categories)

LIST AND GIVE THREE EXAMPLES OF THE FOLLOWING ITEMS:

Input:

Process:

Output:

Feedback:

LIST THE KEY ELEMENTS, ADVANTAGES AND DISADVANTAGES OF THE FOLLOWING:

Custom Manufacturing:

Intermittent Manufacturing:

Continuous Manufacturing:

Name: _____

Period _____

4

Manufacturing Skills Test Review #3 (Materials)

DEFINE:

Renewable:

Non Renewable:

Recyclable:

Ferrous:

Non Ferrous:

Alloy:

Thermal plastic:

Thermoset:

Ceramic:

Composite:

Name: _____

Period _____

5

Manufacturing Skills Test Review #4 (Manufacturing Process)

LIST THE FOUR STEPS OF THE PRODUCTION PROCESS IN ORDER, AND GIVE EXAMPLES OF EACH:

1.

2.

3.

4.

DEFINE THE FOLLOWING FORMING PROCESSES:

Stamping:

Casting:

Forging:

Extrusion:

What is a die?

Name: _____

Period _____

6

ANSWER THE FOLLOWING QUESTIONS ABOUT ASSEMBLY PROCEDURES:

What is a jig?

What is a fixture?

What is the purpose of jigs and fixtures?

FINISHING PROCESSES:

What is the purpose of finishing?

What is important to remember about finishes?

Name: _____

Period _____

7

Manufacturing Skills Test Review #5 (Marketing)

LIST AND DEFINE THE 4 P'S OF MARKETING:

- 1.
- 2.
- 3.
- 4.

DEFINE:

Free Enterprise:

Entrepreneurship:

Capital:

Profit:

Loan:

Stock:

Name: _____

Period _____

8

LIST 3 CRITERIA OF LOANS, AND 3 CRITERIA OF STOCKS

Loans

1.

2.

3.

Stocks

1.

2.

3.

Name: _____

Period _____

9

Manufacturing Skills Test Review #6 (Occupations)

DEFINE:

Skilled Occupation:

Unskilled Occupation:

Apprenticeship:

On the job training:

Associates Degree:

Bachelors Degree:

Name: _____

Period _____

10

Skills Test Leftovers

LIST THE 6 STEPS OF THE ENGINEERING DESIGN PROCESS

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.

DEFINE:

Automation:

CAD:

CAM:

CNC: