Manufacturing

Unit Quiz

DO NOT WRITE ON THE QUIZ

1. Finishing includes all of the following except which one?

A. polishing

B. galvanizing

C. sawing

D. electroplating

2. Permanent assembling involves the

A. joining of boards with glue.

B. bolting of lug nuts on a wheel.

C. nailing of a multiple boards together.

D. using screws on a box.

3. Each time a material takes on a new shape that gives it more use it is called

A. a good idea.

B. refining.

C. form utility.

D. manufacturing.

4. Plants are typically refined by chemical and \_\_\_\_\_\_\_\_\_\_ processes.

A. extraction

B. distillation

C. mechanical

D. forming

5. Crude oil is a

A. mineral ore.

B. hydrocarbon liquid.

C. hydrogenated corn syrup solid.

D. renewable resource.

6. Metal is refined into

A. pellets.

B. meal.

C. marbles.

D. ingots.

7. The process by which hot liquid is poured into a mold and is allowed to cool is called

A. forming.

B. conditioning.

C. casting.

D. assembling.

8. Changing industrial standard stock into useful objects is referred to as

A. primary processing.

B. secondary processing.

C. finishing.

D. construction.

9. Traditional separating refers to

A. chip removal.

B. electric discharge machining

C. chemicals

D. CNC plasma cutters.

10. A mold that can be used for multiple castings is called

A. expendable.

B. forgeable.

C. useful.

D. permanent.

11. Using a shear to cut through metal is a \_\_\_\_\_\_\_\_\_\_\_ operation.

A. forming

B. separating

C. conditioning

D. sawing.

12. During a conditioning process \_\_\_\_\_\_\_\_ is/are often used on metal.

A. chemicals

B. heat

C. extreme cold

D. firing

13. Which of the following is **not** a secondary process?

A. blow molding

B. painting

C. annealing

D. harvesting

14. Separating material to produce a desired shape is referred to as

A. casting.

B. molding.

C. forging.

D. machining.

15. Cold forming involves all of the following except which one?

A. high voltage sparks

B. squeezing

C. bending

D. pressing

16. Using the squaring shears to cut sheet metal is a \_\_\_\_\_\_\_\_\_\_\_\_ process.

A. conditioning

B. forming

C. separating

D. finishing

17. Raw materials that are inside the earth have to be

A. harvested.

B. farmed.

C. planted.

D. extracted.

18. Washing your hair and treating wood with chemicals is a \_\_\_\_\_\_\_\_\_\_ process.

A. cold

B. primary

C. tempering

D. conditioning

19. Secondary processes

A. must be used in order.

B. may be used in any order.

C. involve refining natural resources.

D. always use casting and molding.

20. Permanent assemblies involve all of the following except which one?

A. welding

B. glue

C. adhesives

D. screws

21. Finishing is primarily done

A. in the middle of the manufacturing process.

B. to sell the item produced.

C. to protect the item produced.

D. grains and animals.

22. The type of processing that most people are associated with is

A. primary

B. conditioning

C. secondary

D. harvesting

23. One of the largest manufacturing industries in the United States is the

A. recording industry.

B. automobile industry.

C. lumber industry.

D. mining

fd:mp1/manufacturing unit quiz