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QUESTION 30

is the number of periods 1, in which changes are not expected due to excessive cost caused by schedule disruption.

- * Projected available balance
- * Demand time fence
- * Scheduled receipt
- * ATP (available o promise)

QUESTION 31

What is calculated by taking into account the work center utilization and efficiency?

- * actual rate of production
- * Rated capacity
- * resource availability
- * None of the above

QUESTION 32

A work center consists of four machines and is operated 8 hours per day for 5 days a week. Historically, the utilization has been 85% and the efficiency 110%. What is the rated capacity?

- * 150 standard hours
- * 149.6 standard hours
- * 180.5 standard hours
- * 160.9 standard hours

QUESTION 33

Over the time span of the production plan, large changes in capacity are usually not possible. Additions or subtractions in plant and equipment are impossible or very difficult to accomplish in this period. However, some changes can be done. Which of the following are out of those variations?

- * People can be hired and laid off, overtime and short-time can be worked, and shifts can be added or removed.
- * Inventory can be built up in slack periods and sold or used in periods of high demand.
- * Work can be subcontracted or extra equipment leased
- * All of these

QUESTION 34

Capacity is the quantity of work done and not the rate of doing work.

- * True
- * False

QUESTION 35

Life cycle approach for identifying order winners and qualifiers is complicated in that:

- * The duration of life cycle will be very different for different products.
- * Customer needs change work frequently
- * Life cycle phases are difficult to understand
- * Not a single requirement applies to all these of life cycle

QUESTION 36

If the cost of direct material is 60%, direct labor is 10%, and overhead is 25% of sales. How much to give the same increase in profit? (Remember overhead cost is constant)

- * 19%
- * 18%
- * 17%
- * 13%

QUESTION 37

MRP and CRP should form part of a/an?

- * Open system
- * Closed-loop system
- * Balanced system
- * Workable plan that meets the priority objectives

QUESTION 38

Forecasted Actual

Period	Forecasted	Actual
1	100	70
2	100	60
3	100	85
4	100	90
5	100	95
6	100	100
7	100	55
8	100	70
9	100	80
10	100	85

This forecast performance is best described as:

- * biased
- * Random Error
- * Efficient
- * Naive

QUESTION 39

Continuous improvement does not focus on a "one-shot" improvement out on such things as:

- * Rate on improvement in quality
- * Cost and cost
- * Reliability, innovation, effectiveness and productivity
- * All of these

QUESTION 40

Who is responsible for determining the capacity needed to achieve the priority plans as well as providing, monitoring, and controlling that capacity so the priority plan can be met?

- * Capacity Running
- * Capacity Board
- * Capacity Organization
- * Capacity Management

QUESTION 41

Utilization can be determined from:

- * Historical records
- * Work sampling study
- * Efficiency
- * Both A And B

QUESTION 42

Which four primary plant types are defined, and they are used to specify the flow of materials through a production process?

- * I-plant, A-plant, B-plant, G-Plant

- * I-plant, A-plant, V-plant, T-Plant
- * C-plant, K-plant, B-plant, S-Plant
- * A-plant, D-plant, B-plant, F-Plant

QUESTION 43

Scheduled receipts shows:

- * The quantities ordered
- * When quantities ordered are expected to be completed
- * When quantities ordered are expected to be available
- * All of the Above

QUESTION 44

Metrics give us:

- * Control by supervisors
- * Reporting of data to supers and external description
- * Product description
- * Process specification

QUESTION 45

Price competition is often severe and profits start to decline, in which phase of the life cycle of a product?

- * Introduction phase
- * Growth phase
- * Maturity phase
- * Decline phase

QUESTION 46

What is responsible for executing the master production schedule and the material requirements plan?

- * Production activity control
- * Production requirement plan
- * Standard production
- * Master production plan

QUESTION 47

For example, the price for a certain type of product must fall within a range for the suppliers to be considered. But being considered does not mean winning the order. So win orders a supplier must have characteristics that encourage customers to choose its products and services over competitors. Those competitive characteristics, or combination of characteristics are called

- * Order takers
- * Order achievers
- * Order winners
- * Order credentials

QUESTION 48

Production must keep its operating cost as low as possible this can be done in the following way/ways:

- * Make long production runs of relatively few production runs of relatively few products. Fewer Changeovers will be needed and

specialized equipment can be used thus reducing the cost of making the product

- * Maintain high inventories of raw materials and work-in-process so production is not disrupted by shortages.
- * Manufacture only to customer order
- * Provide lowest distribution costs

QUESTION 49

The formula for the planned backlog for period 1 is calculated as:

- * Planned backlog for period 1 = Planned backlog + previous input - planned output
- * Planned backlog for period 1 = Planned backlog + previous output - planned output
- * Planned backlog for period 1 = Previous backlog + planned input - planned output
- * Planned backlog for period 1 = Actual backlog + planned input - actual output

QUESTION 50

Goods making up a single order are brought together and checked for omissions or errors, this is known as:

- * Dispatch shipment
- * Marshal the shipment
- * Operate the shipment
- * Receive the shipment

QUESTION 51

Which of the following is NOT the dimension to quality measurements?

- * Function
- * Aesthetic
- * Production
- * Accuracy

QUESTION 52

If demand or lead time is greater than forecast, then what will occur?

- * Invaluable stock
- * Unpredictable stock
- * Stockout
- * Vulnerable stock

QUESTION 53

The time needed to perform operation is an important input factor to the manufacturing planning and control system. It is needed to schedule work through the plans,

- * Load the plant
- * Make delivery promises
- * And cost the product
- * All of these

QUESTION 54

The function of selecting and sequencing available jobs to be run at individual work centers is known as:

- * Sequencing

- * Decentralization
- * Dispatching
- * Devolution

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