

Latest Version: 8.0

Question: 1

A demand filter can best be used for which of the following purposes?

Response:

- A. To remove scrap loss from a work center history
- B. To adjust the alpha factor
- C. To flag a large order
- D. To remove seasonal variability from forecast data

Answer: C

Question: 2

Which of the following technique is MOST helpful in transition the design phase to production phase smoothly?

Response:

- A. Concurrent engineering.
- B. Prototyping.
- C. Benchmarking
- D. Taguchi method.

Answer: B

Question: 3

In the above workcenter, what is the efficiency of the next week?

Response:

- A. 72%
- B. 75%
- C. 80%
- D. 90%

Answer: D

Question: 4

Which of the following is TRUE about planning bills?

Response:

- A. It facilitates the planning process.
- B. It is related to manufacturing bill of materials.
- C. It is related to engineering bill of materials.
- D. It is very effective in final assemble.

Answer: A

Question: 5

Which of the following is MOST likely to help an individual move from denying the need for change to accepting the change?

Response:

- A. Telling him or her that the change is necessary.
- B. Identifying potential problems resulting from the changes.
- C. Training him or her on the new procedures.
- D. Explaining the change and its effects.

Answer: D

Question: 6

Who is responsible for evaluating the master schedule?

Response:

- A. Shop manager.
- B. Middle manager.
- C. Top manager.
- D. Supervisor.

Answer: B

Question: 7

The question below is based on the following production environment information:

	Production Volume	Product Variety	Production Lead Time	Operations per Product	Production Resources
Facility A	High	High	Long	Many	Many
Facility B	High	Low	Short	Few	Many
Facility C	Low	High	Long	Many	Few
Facility D	Low	Low	Short	Few	Few

In which facility would product unit costs most likely be reduced through a setup reduction program?
Response:

- A. Facility A
- B. Facility B
- C. Facility C
- D. Facility D

Answer: C

Question: 8

Which of the following is typically characterized as an element of prevention cost?
Response:

- A. A/S cost.
- B. Subcontract certification cost.
- C. Scrap dealing cost.
- D. Changeover cost.

Answer: B

Question: 9

Key linkages managed by distribution requirements planning within the supply chain include links to:
Response:

- A. forecasted demand and material requirements planning.
- B. logistics systems and demand management.
- C. customers only.
- D. vendors only.

Answer: B

Question: 10

If more man power than usual is input to free slack of the project, which of following is MOST likely impact to schedule?

Response:

- A. Complete earlier than scheduled.
- B. No changes in schedule.
- C. Complete later than scheduled.
- D. Increase cost.

Answer: B

Question: 11

Which of the following identifies the approach to inventory valuation in which variable costs and a portion of fixed costs are assigned to each unit of production?

Response:

- A. Activity based costing.
- B. Throughput accounting.
- C. Absorption costing.
- D. Inventory turnover.

Answer: C

Question: 12

A forecasting method that responds slowly to changes in demand would be most appropriate when the historical demand pattern shows a major:

Response:

- A. seasonal component.
- B. random component.
- C. trend component.
- D. cyclical component.

Answer: B

Question: 13

All of the following are priority sequencing rules EXCEPT
Response:

- A. Earliest operation due date.
- B. Least slack rule.
- C. Latest part due date.
- D. Shortest operation time.

Answer: C

Question: 14

During which of the following process steps of sales and operations planning would resource planning be carried out?
Response:

- A. Demand planning phase
- B. Supply planning phase
- C. Pre-sales and operations planning meeting
- D. Executive sales and operations planning meeting

Answer: B

Question: 15

All of the following result from long-term commitment between supplier and customer EXCEPT
Response:

- A. Single source.
- B. Multiple source.
- C. Point of use.
- D. Empty bin.

Answer: B