

K. N. SOLUTIONS. 8171-888-284.
OPERATIONS & SCM-2025.

CASE STUDY:-

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OPERATIONS & SCM-2025.

QUESTION 69 of 70

1.00 Marks

Passage :-

Toyota Motor Corporation (Toyota), is one of the leading automakers in the world having reputation for manufacturing reliable cars and trucks. Toyota's products were well known for quality for customers so much so that its manufacturing techniques were followed by its competitor's world over. Toyota's commitment to manufacturing world class and quality automobiles lies in its entire manufacturing

Question :-

Advantage of KAIZEN as per understanding of philosophy 'Toyota Way' is:

- Factories need a lot of space for workers meetings.
- Manufacturing times are increased.
- Employees start chatting to each other more.
- Increased productivity.

QUESTION 70 of 70

1.00 Marks

Passage :-

Toyota Motor Corporation (Toyota), is one of the leading automakers in the world having reputation for manufacturing reliable cars and trucks. Toyota's products were well known for quality for customers so much so that its manufacturing techniques were followed by its competitor's world over. Toyota's commitment to manufacturing world class and quality automobiles lies in its entire manufacturing

Question :-

Toyota's commitment to manufacturing world class and quality automobiles lies in:

- Fast introduction of new models
- Quality right from development to delivery
- Cost leadership
- Providing easy financing alternatives to customer.

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QUESTION 67 of 70

1.00 Marks

Passage :-

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Question :-

Select the **incorrect** statement:

- Toyota setup quality assurance teams only in manufacturing area.
- TPS is used as benchmark by many automobile manufacturers.
- Toyota's rapid growth affected its product quality.
- Toyota always believes quality as an order-winner.

QUESTION 1 of 70

1.00 Marks

_____ was originator of Scientific Management.

- Henry Ford
- Elton Mayo
- Adam Smith
- F.W.Taylor

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QUESTION 2 of 70

1.00 Marks

Which of the following does not form the part of a typical distribution activity?

- Warehousing
- storage
- transportation
- production

QUESTION 3 of 70

1.00 Marks

Material requirements planning (MRP) is:

- a work center loading technique
- the next step after aggregate production planning
- a procedure to forecast demand for end items
- a computer based system

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QUESTION 4 of 70

1.00 Marks

_____ forecasts are needed to allocate budgets among businesses, decide the number of employees, and schedule equipment and other resources.

- Intermediate-range
- Short-range
- Long-range
- Demand planning

QUESTION 5 of 70

1.00 Marks

_____ forecasts are needed to plan for facility installation.

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- Short-range
- Long-range
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QUESTION 6 of 70

1.00 Marks

_____ is not typically an objective of scheduling.

- maximizing the process time
- minimizing overtime
- minimizing the job delay
- maxiizing machine utilization

QUESTION 7 of 70

1.00 Marks

Dependent-demand inventory means:

- Materials that are on order, but not yet arrived
- Materials that are service parts
- Materials that have already been assigned to specific orders.
- None of the alternatives is correct

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QUESTION 8 of 70

1.00 Marks

One of the product examples for process layout is:

- Welding shop
- Two wheeler manufacturing plant
- TV manufacture
- Cement manufacturing plant

QUESTION 9 of 70

1.00 Marks

Which is a major advantage for product layout?

- Lower work-in-process inventories
- High job satisfaction
- Flexible
- New products can be produced

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QUESTION 10 of 70

1.00 Marks

Machine down time is an example of which type of quality cost?

- Appraisal
- Internal-failure
- Prevention
- External-failure

QUESTION 11 of 70

1.00 Marks

Which of the following is not a component of a supply chain?

- Information
- Labour market
- Products and services
- Accounting

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QUESTION 12 of 70

1.00 Marks

_____ is the time which elapses between issuing replenishment order and receipt of material in the stores

- Lead time
- Idle time
- Replenishment time
- Cycle Time

QUESTION 13 of 70

1.00 Marks

Decisions that concern the day-to-day activities of workers, quality of products and services, production and overhead costs, and maintenance of machines are known as:

- control decisions
- production decisions
- operating decisions
- management decisions

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QUESTION 14 of 70

1.00 Marks

Repeatable increase and decrease in demand over short periods of time are called

- Seasonal patterns
- Cyclical patterns
- Trends
- Irregular variation

QUESTION 15 of 70

1.00 Marks

Which of the following tasks is not carried out by an operations manager?

- Adapts to global and environmental changes
- Manages cash flows and investments
- Translates customer needs into products and services
- Uses technology to enhance productivity

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QUESTION 16 of 70

1.00 Marks

In reference to classification of quality costs, equipment design falls in the category:

- Appraisal
- Internal-failure
- Prevention
- External-failure

QUESTION 17 of 70

1.00 Marks

Which of the following is true for supply chain management?

- Flow of cash backwards through the chain
- Exchange of information moves in both the direction
- The physical material moves in the direction of the end of chain
- All of the above

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QUESTION 18 of 70

1.00 Marks

Quality checklists are used to:

- Ensure that quality assurance steps were followed
- Keep quality inspectors busy
- Prevent project audits
- Inform upper management where failures occur

QUESTION 19 of 70

1.00 Marks

Outsourcing is

- opposite of vertical integration
- opposite of backward integration
- Similar to offshoring
- similar to diversification

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QUESTION 20 of 70

1.00 Marks

Which of the following statements about time series forecasting is true:

- It is based on the assumption that future demand will be the same as past demand
- Because it accounts for trends, cycles and seasonal pattern, it is more powerful than casual forecasting
- It makes extensive use of the data collected in the qualitative approach
- The analysis of past demand helps predict future demand

QUESTION 21 of 70

1.00 Marks

Which of the following statement is correct:

- Service facilities cannot be Line layout type
- Both (1) and (2)
- Service facilities are generally Process layout kind
- None of the above

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QUESTION 22 of 70

1.00 Marks

QFD means:

- Quality Functional Defects
- Quality Function Deployment
- Quality failure diagram
- Quality for defects

QUESTION 23 of 70

1.00 Marks

Product requirement to meet pre-defined standards is known as:

- design quality
- quality of reliability
- Quality of performance
- conformance to quality

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QUESTION 24 of 70

1.00 Marks

Which of the following describes the quality definition of fitness for use?

- Doing it right the first time
- Conforming to design specifications
- Consistency in product / service quality
- The ability of a product/service to meet customer needs

QUESTION 25 of 70

1.00 Marks

Features and benefits that differentiate one product from another are called

- Order Satisfiers
- Order Exciters
- Order Qualifiers
- Order Winners

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QUESTION 26 of 70

1.00 Marks

Which is *not* correct with respect to fixed-position layout?

- High demand
- Olympics is an example
- Synonymous with project
- Used for producing large products

QUESTION 27 of 70

1.00 Marks

Which of the following statements is not true for Delphi method?

- Brought together as a group
- Process iterates until a consensus is reached
- Experts are used
- Qualitative as well as numerical outputs can be obtained

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QUESTION 28 of 70

1.00 Marks

The operations function has functional linkages with

- Suppliers
- Finance
- Marketing
- All of the above

QUESTION 29 of 70

1.00 Marks

Which one of the following depicts feature that is a dimension of quality?

- Brand name and price
- Bells and whistles of the product
- Product looks and sounds
- Ability to repair a product

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QUESTION 30 of 70

1.00 Marks

Resource allocation is a trade off between

- finance and operations
- operations and sales
- operations and human resources
- planning and operations

QUESTION 32 of 70

1.00 Marks

The most suitable layout for job production is:

- Cellular layout
- Process layout
- Line layout
- Fixed position layout

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QUESTION 33 of 70

1.00 Marks

Which of the following is not a reason for facility layout analysis?

- A new product/service is introduced.
- A new supplier is contracted.
- There is change in demand or throughput volume.
- Different process, equipment and technology are installed.

QUESTION 34 of 70

1.00 Marks

Operations management has evolved in following sequence.

- quality, efficiency, time-based competition, sustainability, customization, service
- efficiency, quality, customization, time-based competition, service, sustainability
- efficiency, customization, quality, service, sustainability, time-based competition
- quality, service, customization, time-based competition, efficiency, sustainability

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QUESTION 35 of 70

1.00 Marks

In ABC analysis, continuous monitoring and accurate record keeping is applicable to ____ items

- B
- C
- A
- All of the above

QUESTION 36 of 70

1.00 Marks

The preferred method for achieving total quality in process output is:

- Perform Inspection at the next process
- Rely on a team of highly trained and dedicated Inspectors
- Build and install an error-proof process and maintain it
- Rely on operator's self-inspection and self correction

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QUESTION 37 of 70

1.00 Marks

A Integrated product design process is the new standard for the rapid creation of competitively priced, products.

- Low Quality
- Moderate Quality
- High Quality
- None of these

QUESTION 38 of 70

1.00 Marks

In single exponential smoothing method

- Small values of alpha (α) place more emphasis on recent data
- Very volatile time series with substantial random variability should use a large value for alpha (α)
- Large values of alpha (α) place more emphasis on recent data
- Very stable time series with little random variability should use small values for alpha (α)

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QUESTION 39 of 70

1.00 Marks

In item series method of forecasting, which of the following cannot be predicted:

- Large increases in demand
- Random fluctuations
- Technological trends
- Seasonal fluctuations

QUESTION 40 of 70

1.00 Marks

Which of the following is not a characteristic of exponential smoothing?

- Easily altered weighting scheme
- Smoothens random variations in the data
- Has minimal data storage requirements
- Weights each historical value equally

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QUESTION 41 of 70

1.00 Marks

Which of the following is not competitive priority for most companies?

- flexibility
- innovation
- speed
- infrastructure

QUESTION 42 of 70

1.00 Marks

Exponential smoothing _____

- Gives a mathematically optimal solution
- Assigns weights to past data that decay exponentially as the data gets older
- Is best for long-term forecasting
- Cannot be adapted to handle trend

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QUESTION 43 of 70

1.00 Marks

Robust design is:

- Six sigma quality
- Workmanship procedure
- Japanese Quality Society's standard
- Consistency in product performance

QUESTION 44 of 70

1.00 Marks

ISO 9000 are:

- Product standards
- Quality standards
- Process standards
- Acceptance sampling standards

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QUESTION 45 of 70

1.00 Marks

For a fast food joint, order-taking, bill payment, and home delivery are:

- inputs
- processes
- services
- outputs

QUESTION 46 of 70

1.00 Marks

Which one of the following statements is not true regarding, inventory management?

- Inventory management applies to products as well as to service
- Different types products require different approaches for inventory control
- The two fundamental inventory decisions are when, to order and what to order
- Products are often aggregated or partitioned into groups with similar characteristics or monetary value

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QUESTION 48 of 70

1.00 Marks

ISO 14000 are basically:

- Process standards
- Environment standards
- Quality standards
- None of the above

QUESTION 49 of 70

1.00 Marks

If demand for a product is influenced by random variations only, the quantitative technique to use for forecasting demand is

- Moving average
- Mean Absolute Percentage Error (MAPE)
- Regression
- Delphi

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QUESTION 50 of 70

1.00 Marks

Assembly line balancing

- Tries to minimize the production rate for a given number of workstations.
- Tries to minimize the number of workstations for a given production rate.
- Is a one-time activity.
- Tries to load work into early workstations.

QUESTION 51 of 70

1.00 Marks

The layout problem occurs because of the following:

- Introduction of new product
- Market changes
- Change in product design
- All of these

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QUESTION 52 of 70

1.00 Marks

If two variables were perfectly correlated, the correlation co-efficient would be equal to:

- 1 or +1
- Greater than 1
- Less than 1
- Exactly 1

QUESTION 53 of 70

1.00 Marks

Which of the following is not a major activity in designing a product-manufacturing or service providing process?

- Flowchart the current process
- Flowchart the future state / process
- Process reengineering
- Define appropriate performance measures

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QUESTION 54 of 70

1.00 Marks

A bills of material (BOM) file includes:

- a list of materials and quantities required to produce one unit of an end item
- accounts payable for materials
- invoices for materials that must be paid in this period
- invoices for materials that must be paid in this period and accounts payable for materials

QUESTION 55 of 70

1.00 Marks

3 machines A,B,C are to be assigned 3 jobs P,Q,R . Time taken to accomplish job P in machines A,B,C are 5,3,4 respectively, job Q in machines A,B,C are 4,7,1 respectively, job R in machines A,B,C are 2,6,2 respectively. Give optimum assignment according to Hungrarian method.

- A-Q, B-R, C-P
- A-P, B-R, C-Q
- A-R, B-P, C-Q
- none of theses

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QUESTION 1 of 70

1.00 Marks

Features and benefits that differentiate one product from another are called

- Order Qualifiers
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QUESTION 2 of 70

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Decisions that concern the day-to-day activities of workers, quality of products and services, production and overhead costs, and maintenance of machines are known as:

- operating decisions
- production decisions
- control decisions
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QUESTION 3 of 70

1.00 Marks

Which of the following does not form the part of a typical distribution activity?

transportation

storage

Warehousing

production

QUESTION 4 of 70

1.00 Marks

_____ forecasts are needed to allocate budgets among businesses, decide the number of employees, and schedule equipment and other resources.

Long-range

Short-range

Intermediate-range

Demand planning

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QUESTION 5 of 70

1.00 Marks

_____ forecasts are needed to plan for facility installation.

- Long-range
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QUESTION 6 of 70

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Machine down time is an example of which type of quality cost?

- Prevention
- Internal-failure
- Appraisal
- External-failure

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QUESTION 7 of 70

1.00 Marks

TQM is a strategy that is designed to change the quality of a product to satisfy customer needs by using the concept of _____

Benchmarking

Product maintenance

PLC analysis

Brainstorming

QUESTION 8 of 70

1.00 Marks

Which of the following is true for supply chain management?

The physical material moves in the direction of the end of chain

Exchange of information moves in both the direction

Flow of cash backwards through the chain

All of the above

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QUESTION 9 of 70

1.00 Marks

_____ was originator of Scientific Management.

- Adam Smith
- Elton Mayo
- Henry Ford
- F.W.Taylor

QUESTION 10 of 70

1.00 Marks

Repeatable increase and decrease in demand over short periods of time are called

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QUESTION 11 of 70

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QUESTION 13 of 70

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- a work center loading technique
- a computer based system

QUESTION 14 of 70

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Outsourcing is

- Similar to offshoring
- opposite of backward integration
- opposite of vertical integration
- similar to diversification

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QUESTION 15 of 70

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Which of the following is not a component of a supply chain?

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QUESTION 17 of 70

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QUESTION 18 of 70

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QUESTION 19 of 70

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QUESTION 20 of 70

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- Ability to repair a product

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QUESTION 21 of 70

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Which of the following statement is correct:

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QUESTION 22 of 70

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In reference to classification of quality costs, equipment design falls in the category.

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QUESTION 23 of 70

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Which is *not* correct with respect to fixed-position layout?

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- Olympics is an example
- High demand
- Used for producing large products

QUESTION 24 of 70

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QUESTION 25 of 70

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- maxiizing machine utilization

QUESTION 26 of 70

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QUESTION 28 of 70

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- Keep quality inspectors busy
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QUESTION 29 of 70

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- quality of reliability
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- Idle time
- Lead time
- Cycle Time

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QUESTION 31 of 70

1.00 Marks

When a company carries out break-even analysis for an outsourcing decision, the breakeven quantity is

- the ratio of fixed costs to the difference between variable outsourcing cost and variable in-house production cost.
- the product of the variable costs times the fixed costs
- the ratio of the difference between variable outsourcing cost and variable in-house production cost to fixed costs
- the product of the variable costs times the production quantity

QUESTION 32 of 70

1.00 Marks

Which one of the following is not related to a push system?

- Customer responsiveness
- Inventory of finished products
- Predefined schedule
- Based on forecast

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QUESTION 33 of 70

1.00 Marks

The preferred method for achieving total quality in process output is:

- Build and install an error-proof process and maintain it
- Rely on a team of highly trained and dedicated Inspectors
- Perform Inspection at the next process
- Rely on operator's self-inspection and self correction

QUESTION 34 of 70

1.00 Marks

If demand for a product is influenced by random variations only, the quantitative technique to use for forecasting demand is

- Regression
- Mean Absolute Percentage Error (MAPE)
- Moving average
- Delphi

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QUESTION 35 of 70

1.00 Marks

_____ is an important factor for deciding about level of production

- Hiring cost
- inventory carrying cost
- firing cost
- overtime cost

QUESTION 36 of 70

1.00 Marks

The most suitable layout for continuous production is:

- Line layout
- Process layout
- Cellular layout
- Fixed position layout

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QUESTION 37 of 70

1.00 Marks

Which of the following is not a variable cost?

- labour cost
- cost of leasing an equipment
- transportation cost
- material cost

QUESTION 38 of 70

1.00 Marks

ISO 14000 are basically:

- Quality standards
- Environment standards
- Process standards
- None of the above

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QUESTION 39 of 70

1.00 Marks

Robust design is:

- Japanese Quality Society's standard
- Workmanship procedure
- Six sigma quality
- Consistency in product performance

QUESTION 40 of 70

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Exponential smoothing _____

- Is best for long-term forecasting
- Assigns weights to past data that decay exponentially as the data gets older
- Gives a mathematically optimal solution
- Cannot be adapted to handle trend

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QUESTION 41 of 70

1.00 Marks

Regular patterns in demand that take place over long periods of time are called

- Trends
- Cyclical patterns
- Seasonal patterns
- Irregular variation

QUESTION 42 of 70

1.00 Marks

Which of the statements below best describes office layout

- Groups workers, their equipment, and spaces/offices to provide for movement of information.
- Seeks the best personnel and machine utilization in repetitive or continuous production.
- Addresses the layout requirements of large, bulky projects such as ships and buildings.
- Allocates shelf space and responds to customer behaviour.

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QUESTION 43 of 70

1.00 Marks

In item series method of forecasting, which of the following cannot be predicted:

- Technological trends
- Random fluctuations
- Large increases in demand
- Seasonal fluctuations

QUESTION 44 of 70

1.00 Marks

Assembly line balancing

- Is a one-time activity.
- Tries to minimize the number of workstations for a given production rate.
- Tries to minimize the production rate for a given number of workstations.
- Tries to load work into early workstations.

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QUESTION 45 of 70

1.00 Marks

The most suitable layout for job production is:

- Line layout
- Process layout
- Cellular layout
- Fixed position layout

QUESTION 46 of 70

1.00 Marks

Which one the following is not related to a pull system?

- Inventory of finished products
- Real time information
- Final assembly schedule
- Sales rate

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QUESTION 47 of 70

1.00 Marks

In ABC analysis, continuous monitoring and accurate record keeping is applicable to ____ items

- A
- C
- B
- All of the above

QUESTION 48 of 70

1.00 Marks

House of quality depicts:

- Organization structure for quality management
- A business house reputed for quality excellence
- Quality Function Deployment
- Organizational issues in quality

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QUESTION 49 of 70

1.00 Marks

A Integrated product design process is the new standard for the rapid creation of competitively priced, products.

High Quality

Moderate Quality

Low Quality

None of these

QUESTION 50 of 70

1.00 Marks

Which one of the following statements is not true regarding, inventory management?

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Different types products require different approaches for inventory control

Inventory management applies to products as well as to service

Products are often aggregated or partitioned into groups with similar characteristics or monetary value

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QUESTION 51 of 70

1.00 Marks

3 machines A,B,C are to be assigned 3 jobs P,Q,R . Time taken to accomplish job P in machines A,B,C are 5,3,4 respectively, job Q in machines A,B,C are 4,7,1 respectively, job R in machines A,B,C are 2,6,2 respectively. Give optimum assignment according to Hungarian method.

A-R, B-P, C-Q

A-P, B-R, C-Q

A-Q, B-R, C-P

none of theses

QUESTION 52 of 70

1.00 Marks

The actual sales of a product in April and May 2022 was 200 and 350 units respetively. Forecast for month of April was 200 units. Using exponential smoothing, find the forecasted demand for the month of june. (take smoothing coefficient, $\alpha = 0.7$)

216

326

536

none of theses

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QUESTION 53 of 70

1.00 Marks

A house of quality is

- A matrix relating customer "wants" to firm's "hows"
- A list of operations necessary to produce a component
- A schematic showing how a product is put together
- A set of standard operating procedures for a task

QUESTION 54 of 70

1.00 Marks

The process designed to transform a set of input elements into a set of output elements is known as:

- Transformation Process
- Production
- Transformation of input to output
- Technology Change

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QUESTION 55 of 70

1.00 Marks

A bills of material (BOM) file includes:

- invoices for materials that must be paid in this period
- accounts payable for materials
- a list of materials and quantities required to produce one unit of an end item
- invoices for materials that must be paid in this period and accounts payable for materials

QUESTION 56 of 70

1.00 Marks

The layout problem occurs because of the following:

- Change in product design
- Market changes
- Introduction of new product
- All of these

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QUESTION 57 of 70

1.00 Marks

Which of the following would not normally be considered as a "costs of quality"?

- Inspection costs
- Warranty costs
- Marketing costs
- Prevention costs

QUESTION 58 of 70

1.00 Marks

which is the greatest value among design capacity, effective capacity, and actual output

- design capacity
- actual output
- effective capacity
- none of these

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QUESTION 59 of 70

1.00 Marks

If two variables were perfectly correlated, the correlation co-efficient would be equal to:

- Less than 1
- Greater than 1
- 1 or +1
- Exactly 1

QUESTION 60 of 70

1.00 Marks

Which of the following is not a major activity in designing a product-manufacturing or service providing process?

- Process reengineering
- Flowchart the future state / process
- Flowchart the current process
- Define appropriate performance measures

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QUESTION 61 of 70

1.00 Marks

Which of the following is not a quality function?

- Performance
- Reliability and durability
- Features
- Compensation

QUESTION 62 of 70

1.00 Marks

With reference to attributes customers use in evaluating the quality of products and services, a holiday package is high in

- Search attributes
- Credence attributes
- Experience attributes
- Benefits attributes

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QUESTION 63 of 70

1.00 Marks

Which of the following is NOT an objective of MRP:

- predicting safety stock requirements
- reducing inventory investment
- improving customer service
- Improve plant operating efficiency

QUESTION 64 of 70

1.00 Marks

Forecasts:

- Are more accurate for individual items than for groups of items
- Are rarely perfect
- Become more accurate with longer time horizons
- All of the above

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QUESTION 65 of 70

1.00 Marks

MRP systems are based on the philosophy that:

- parts are interchangeable
- raw materials, parts, and assemblies should arrive at the right time to produce end items
- the MPS can be changed at any point
- the bills of material is the key ingredient for the inventory status file.

QUESTION 66 of 70

1.00 Marks

Non-conformance is an expense of:

- Detects of quality
- Profit of quality
- Cost of quality
- Quality of product

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EXAM LANGUAGE English

QUESTION 2 of 70 (Sections: 2) Section A

Costs of backordering a product are called _____ costs.

Clear Response Mark for Review

- Holding
- Ordering
- Shortage
- Setup

EXAM LANGUAGE English

QUESTION 3 of 70 (Sections: 2) Section A

In reference to classification of quality costs, equipment design falls in the category.

Clear Response Mark for Review

- Prevention
- Internal-failure
- Appraisal
- External-failure

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EXAM LANGUAGE English

QUESTION 4 of 70 (Sections: 2) Section A

Which of the following is not a component of a supply chain?

Clear Response Mark for Review

- Products and services
- Labour market
- Information
- Accounting

EXAM LANGUAGE English

QUESTION 5 of 70 (Sections: 2) Section A

Which is *not correct* with respect to fixed-position layout?

Clear Response Mark for Review

- Synonymous with project
- Olympics is an example
- High demand
- Used for producing large products

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EXAM LANGUAGE English

QUESTION 6 of 70 (Sections: 2) Section A

Clear Response Mark for Review

QFD means:

- Quality failure diagram
- Quality Function Deployment
- Quality Functional Defects
- Quality for defects

EXAM LANGUAGE English

QUESTION 7 of 70 (Sections: 2) Section A

Clear Response Mark for Review

Non-conformance is an expense of:

- Detects of quality
- Profit of quality
- Cost of quality
- Quality of product

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EXAM LANGUAGE English

QUESTION 8 of 70 (Sections : 2) Section A

Clear Response Mark for Review

Which of the following statement is correct:

- Service facilities are generally Process layout kind
- Both (1) and (2)
- Service facilities cannot be Line layout type
- None of the above

EXAM LANGUAGE English

QUESTION 9 of 70 (Sections : 2) Section A

Clear Response Mark for Review

Dependent-demand inventory means:

- Materials that have already been assigned to specific orders
- Materials that are service parts
- Materials that are on order, but not yet arrived
- None of the alternatives is correct

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EXAM LANGUAGE English

QUESTION 10 of 70 (Sections : 2) SectionA

Clear Response Mark for Review

One of the product examples for process layout is:

- TV manufacture
- Two wheeler manufacturing plant
- Welding shop
- Cement manufacturing plant

EXAM LANGUAGE English

QUESTION 10 of 70 (Sections : 2) SectionA

Clear Response Mark for Review

One of the product examples for process layout is:

- TV manufacture
- Two wheeler manufacturing plant
- Welding shop
- Cement manufacturing plant

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EXAM LANGUAGE English

QUESTION 11 of 70 (Sections: 2) Section A

Clear Response Mark for Review

Features and benefits that differentiate one product from another are called

- Order Qualifiers
- Order Exciters
- Order Satisfiers
- Order Winners

EXAM LANGUAGE English

QUESTION 12 of 70 (Sections: 2) Section A

Clear Response Mark for Review

In ABC analysis, continuous monitoring and accurate record keeping is applicable to ____ items

- A
- C
- B
- All of the above

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EXAM LANGUAGE English

QUESTION 13 of 70 (Sections: 2) Section A

A company's ability to achieve market and financial superiority over its competitors is called

Clear Response Mark for Review

- Operations strategy
- Competitive Advantage
- Strategic Planning
- Competitive Priority

EXAM LANGUAGE English

QUESTION 14 of 70 (Sections: 2) Section A

If demand for a product is influenced by random variations only, the quantitative technique to use for forecasting demand is

Clear Response Mark for Review

- Regression
- Mean Absolute Percentage Error (MAPE)
- Moving average
- Delphi

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EXAM LANGUAGE English

QUESTION 15 of 70 (Sections: 2) Section A

The most suitable layout for job production is:

Clear Response Mark for Review

- Line layout
- Process layout
- Cellular layout
- Fixed position layout

EXAM LANGUAGE English

QUESTION 16 of 70 (Sections: 2) Section A

Which is a major advantage for product layout?

Clear Response Mark for Review

- Flexible
- High job satisfaction
- Lower work-in-process inventories
- New products can be produced

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EXAM LANGUAGE English

QUESTION 17 of 70 (Sections: 2) Section A

Which of the following describes the quality definition of fitness for use?

Clear Response Mark for Review

- Consistency in product / service quality
- Conforming to design specifications
- Doing it right the first time
- The ability of a product/service to meet customer needs

EXAM LANGUAGE English **ALERT: Eye focus out of screen**

QUESTION 18 of 70 (Sections: 2) Section A

ISO 14000 are basically:

Clear Response Mark for Review

- Quality standards
- Environment standards
- Process standards
- None of the above

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QUESTION 19 of 70

(Sections : 2)

SectionA

Clear Response

Mark for Review

Which one of the following statements is true?

- Inventory is any asset held for future use or sale
- Dependent demand is directly related to the demand of another and can be calculated without needing to be forecast
- When using, ABC analysis, C items should be reviewed most frequently
- Stockouts occur in a Fixed Quantity System whenever demand during lead-time exceeds the replenishment level

EXAM LANGUAGE english

QUESTION 20 of 70

(Sections : 2)

SectionA

Clear Response

Mark for Review

Which one of the following is an important feature of process layout?

- Skilled workers
- Specialized equipment
- Standardization
- Little work-in-process inventories

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EXAM LANGUAGE English

QUESTION 21 of 70 (Sections : 2) SectionA

Clear Response Mark for Review

Which one of the following depicts feature that is a dimension of quality?

- Product looks and sounds
- Bells and whistles of the product
- Brand name and price
- Ability to repair a product

EXAM LANGUAGE English

QUESTION 22 of 70 (Sections : 2) SectionA

Clear Response Mark for Review

_____ is not typically an objective of scheduling.

- minimizing the job delay
- minimizing overtime
- maximizing the process time
- maxiizing machine utilization

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EXAM LANGUAGE English

QUESTION 23 of 70 (Sections : 2) Section A

Assembly line balancing

Clear Response Mark for Review

- Is a one-time activity.
- Tries to minimize the number of workstations for a given production rate.
- Tries to minimize the production rate for a given number of workstations.
- Tries to load work into early workstations.

EXAM LANGUAGE English

QUESTION 24 of 70 (Sections : 2) Section A

_____ forecasts are needed to allocate budgets among businesses, decide the number of employees, and schedule equipment and other resources.

Clear Response Mark for Review

- Long-range
- Short-range
- Intermediate-range
- Demand planning

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EXAM LANGUAGE English

QUESTION 25 of 70 (Sections: 2) Section A

_____ is an important factor for deciding about level of production

Clear Response Mark for Review

- Hiring cost
- inventory carrying cost
- firing cost
- overtime cost

EXAM LANGUAGE English

QUESTION 26 of 70 (Sections: 2) Section A

The process designed to transform a set of input elements into a set of output elements is known as:

Clear Response Mark for Review

- Transformation Process
- Production
- Transformation of input to output
- Technology Change

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EXAM LANGUAGE English

QUESTION 27 of 70 (Sections: 2) Section A

For a fast food joint, order-taking, bill payment and home delivery are:

Clear Response Mark for Review

- services
- processes
- inputs
- outputs

EXAM LANGUAGE English

QUESTION 28 of 70 (Sections: 2) Section A

Which of the following is not a quality function?

Clear Response Mark for Review

- Performance
- Reliability and durability
- Features
- Compensation

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EXAM LANGUAGE English

QUESTION 29 of 70 (Sections: 2) SectionA

_____ is the time which elapses between issuing replenishment order and receipt of material in the stores

Clear Response Mark for Review

- Replenishment time
- Idle time
- Lead time
- Cycle Time

EXAM LANGUAGE English **ALERT: Eye focus out of screen**

QUESTION 30 of 70 (Sections: 2) SectionA

Repeatable increase and decrease in demand over short periods of time are called

Clear Response Mark for Review

- Trends
- Cyclical patterns
- Seasonal patterns
- Irregular variation

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EXAM LANGUAGE English

QUESTION 31 of 70 (Sections: 2) Section A

The most suitable layout for continuous production is:

Line layout

Process layout

Cellular layout

Fixed position layout

Clear Response Mark for Review

EXAM LANGUAGE English

QUESTION 32 of 70 (Sections: 2) Section A

The preferred method for achieving total quality in process output is:

Build and install an error-proof process and maintain it

Rely on a team of highly trained and dedicated Inspectors

Perform Inspection at the next process

Rely on operator's self-inspection and self correction

Clear Response Mark for Review

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EXAM LANGUAGE English

QUESTION 33 of 70 (Sections : 2) Section A

Exponential smoothing _____

Clear Response Mark for Review

- Is best for long-term forecasting
- Assigns weights to past data that decay exponentially as the data gets older
- Gives a mathematically optimal solution
- Cannot be adapted to handle trend

EXAM LANGUAGE English

QUESTION 34 of 70 (Sections : 2) Section A

Quality checklists are used to:

Clear Response Mark for Review

- Prevent project audits
- Keep quality inspectors busy
- Ensure that quality assurance steps were followed
- Inform upper management where failures occur

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EXAM LANGUAGE English

QUESTION 35 of 70 (Sections: 2) Section A

Which of the following would not normally be considered as a "costs of quality"?

Clear Response Mark for Review

- Inspection costs
- Warranty costs
- Marketing costs
- Prevention costs

EXAM LANGUAGE English

QUESTION 36 of 70 (Sections: 2) Section A

Annual demand for a product is 12000, cost of one order is 200, cost of product is 400, holding cost is 30 % per unit per year. If quantity is ordered according to EOQ model, then total annual holding cost will be

Clear Response Mark for Review

- 1500
- 12000
- 10000
- none of these

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EXAM LANGUAGE English ▼ ALEXI: Banned object/Phone detected

QUESTION 37 of 70 (Sections: 2) SectionA ▼ 2 Clear Response Mark for Review

_____ is the process of managing information, services and products to ensure that they are available at the right place, at the right time, at the right cost, in the right quantity, while maintaining desired levels of quality.

- Preproduction service
- Production system
- Value proposition
- Value chain integration

EXAM LANGUAGE English ▼

QUESTION 38 of 70 (Sections: 2) SectionA ▼ 2 Clear Response Mark for Review

The operations function has functional linkages with

- Marketing
- Finance
- Suppliers
- All of the above

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EXAM LANGUAGE English

QUESTION 39 of 70 (Sections: 2) Section A

Which of the following document (s) is/are included in the quality system?

Mark for Review

- A quality policy
- Customer focus
- Commitment
- All of the above

EXAM LANGUAGE English

QUESTION 40 of 70 (Sections: 2) Section A

Which of the following is NOT an objective of MRP:

Mark for Review

- predicting safety stock requirements
- reducing inventory investment
- improving customer service
- improve plant operating efficiency

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EXAM LANGUAGE English

QUESTION 41 of 70 (Sections: 2) Section A

Which one of the following is not a statistical method of forecasting?

Clear Response Mark for Review

- Delphi
- Moving average
- Exponential smoothing
- Linear regression

EXAM LANGUAGE English

QUESTION 42 of 70 (Sections: 2) Section A

Which of the following costs is not a component of holding cost?

Clear Response Mark for Review

- Taxes
- Material handling
- Insurance
- Order processing

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EXAM LANGUAGE English

QUESTION 43 of 70 (Sections: 2) SectionA

Clear Response Mark for Review

Which of the following is true for supply chain management?

- The physical material moves in the direction of the end of chain
- Exchange of information moves in both the direction
- Flow of cash backwards through the chain
- All of the above

EXAM LANGUAGE English

QUESTION 44 of 70 (Sections: 2) SectionA

Clear Response Mark for Review

Which one the following is not related to a pull system?

- Inventory of finished products
- Real time information
- Final assembly schedule
- Sales rate

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EXAM LANGUAGE English

QUESTION 45 of 70 (Sections: 2) SectionA

Which of the following statements about time series forecasting is true:

- It makes extensive use of the data collected in the qualitative approach
- Because it accounts for trends, cycles and seasonal pattern, it is more powerful than casual forecasting
- It is based on the assumption that future demand will be the same as past demand
- The analysis of past demand helps predict future demand

EXAM LANGUAGE English

QUESTION 46 of 70 (Sections: 2) SectionA

Which of the following is not true? Vertical integration leads to:

- reduced control over cost
- Increased complexity in managing
- increased control over quality
- Greater risk

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EXAM LANGUAGE English

QUESTION 47 of 70 (Sections: 2) SectionA

Product requirement to meet pre-defined standards is known as:

Quality of performance

quality of reliability

design quality

conformance to quality

EXAM LANGUAGE English

QUESTION 48 of 70 (Sections: 2) SectionA

Machine down time is an example of which type of quality cost?

Prevention

Internal-failure

Appraisal

External-failure

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EXAM LANGUAGE English

QUESTION 49 of 70 (Sections: 2) Section A

In item series method of forecasting, which of the following cannot be predicted:

- Technological trends
- Random fluctuations
- Large increases in demand
- Seasonal fluctuations

EXAM LANGUAGE English

QUESTION 50 of 70 (Sections: 2) Section A

Decisions that concern the day-to-day activities of workers, quality of products and services, production and overhead costs, and maintenance of machines are known as:

- operating decisions
- production decisions
- control decisions
- management decisions

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EXAM LANGUAGE English

QUESTION 51 of 70 (Sections: 2) Section A

Clear Response Mark for Review

Resource allocation is a trade off between

- operations and human resources
- operations and sales
- finance and operations
- planning and operations

EXAM LANGUAGE English

QUESTION 51 of 70 (Sections: 2) Section A

Clear Response Mark for Review

Resource allocation is a trade off between

- operations and human resources
- operations and sales
- finance and operations
- planning and operations

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EXAM LANGUAGE English

QUESTION 52 of 70 (Sections: 2) Section A

Clear Response Mark for Review

_____ was originator of Scientific Management.

- Adam Smith
- Elton Mayo
- Henry Ford
- F.W.Taylor

EXAM LANGUAGE English

QUESTION 53 of 70 (Sections: 2) Section A

Clear Response Mark for Review

The term slack refers to _____ in project management

- an activity whose delay has no effect on project completion
- critical for project completion
- completion of an activity without delaying the project
- required to complete critical activities of a project

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EXAM LANGUAGE English

QUESTION 54 of 70 (Sections : 2) SectionA

Which one of the following is not related to a push system?

Mark for Review

- Customer responsiveness
- Inventory of finished products
- Predefined schedule
- Based on forecast

EXAM LANGUAGE English

QUESTION 55 of 70 (Sections : 2) SectionA

Robust design is:

Mark for Review

- Japanese Quality Society's standard
- Workmanship procedure
- Six sigma quality
- Consistency in product performance

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EXAM LANGUAGE English

QUESTION 56 of 70 (Sections: 2) Section A

_____ is not core entity for proper functioning of a process:

Mark for Review

- Methods or procedures
- Knowledge of Equipment
- Trained operators
- Climatic controls

EXAM LANGUAGE English

QUESTION 57 of 70 (Sections: 2) Section A

Which of the following is not competitive priority for most companies?

Mark for Review

- speed
- innovation
- flexibility
- infrastructure

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EXAM LANGUAGE English

QUESTION 58 of 70 (Sections: 2) SectionA

Which of these materials would ordinarily have independent demand:

a raw material

an assembly

a component

an end item

EXAM LANGUAGE English

QUESTION 59 of 70 (Sections: 2) SectionA

TQM is a strategy that is designed to change the quality of a product to satisfy customer needs by using the concept of _____

Benchmarking

Product maintenance

PLC analysis

Brainstorming

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EXAM LANGUAGE English

QUESTION 60 of 70 (Sections: 2) Section A

ISO 9000 are:

Clear Response Mark for Review

- Process standards
- Quality standards
- Product standards
- Acceptance sampling standards

EXAM LANGUAGE English

QUESTION 61 of 70 (Sections: 2) Section A

The logistics function includes all of the following activities EXCEPT:

Clear Response Mark for Review

- movement of materials from a factory warehouse to the factory assembly area
- loading finished goods into outgoing vehicles
- inspection of incoming materials
- storing finished products in a finished-goods warehouse.

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EXAM LANGUAGE English

QUESTION 62 of 70 (Sections: 2) Section A

In a decision tree, there are three alternative branches A,B,C. EMV for branches A,B,C are 50,80,70 respectively, then decision would be

Clear Response Mark for Review

A

C

B

none of theses

EXAM LANGUAGE English

QUESTION 63 of 70 (Sections: 2) Section A

Material requirements planning (MRP) is:

Clear Response Mark for Review

a procedure to forecast demand for end items

the next step after aggregate production planning

a work center loading technique

a computer based system

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EXAM LANGUAGE English

QUESTION 64 of 70 (Sections: 2) Section A

Clear Response Mark for Review

Which of the following does not form the part of a typical distribution activity?

- transportation
- storage
- Warehousing
- production

EXAM LANGUAGE English

QUESTION 65 of 70 (Sections: 2) Section A

Clear Response Mark for Review

Outsourcing is

- Similar to offshoring
- opposite of backward integration
- opposite of vertical integration
- similar to diversification

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EXAM LANGUAGE English

QUESTION 66 of 70 (Sections : 2) Section A

_____ forecasts are needed to plan for facility installation.

Clear Response Mark for Review

- Long-range
- Short-range
- Intermediate-range
- Demand planning

QUESTION 1 of 70 (Sections : 2) Section A

Which of the following is true for supply chain management?

Clear Response Mark for Review

- Flow of cash backwards through the chain
- Exchange of information moves in both the direction
- The physical material moves in the direction of the end of chain
- All of the above

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QUESTION 2 of 70

(Sections : 2) SectionA ▶

Clear Response

Mark for Review

QFD means:

Quality Functional Defects

Quality Function Deployment

Quality failure diagram

Quality for defects

QUESTION 3 of 70

(Sections : 2) SectionA ▶

Clear Response

Mark for Review

House of quality depicts:

Quality Function Deployment

A business house reputed for quality excellence

Organization structure for quality management

Organizational issues in quality

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QUESTION 3 of 70

(Sections : 2) SectionA 3

Clear Response

Mark for Review

House of quality depicts:

- Quality Function Deployment
- A business house reputed for quality excellence
- Organization structure for quality management
- Organizational issues in quality

QUESTION 4 of 70

(Sections : 2) SectionA 3

Clear Response


Mark for Review

Which of the following does not form the part of a typical distribution activity?

- Warehousing
- storage
- transportation
- production

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QUESTION 5 of 70

(Sections : 2) SectionA 


Clear Response

Mark for Review

Which of the following statement is correct:

- Service facilities cannot be Line layout type
- Both (1) and (2)
- Service facilities are generally Process layout kind
- None of the above

QUESTION 6 of 70

(Sections : 2) SectionA 

Clear Response


Mark for Review

Which one of the following depicts feature that is a dimension of quality?

- Brand name and price
- Bells and whistles of the product
- Product looks and sounds
- Ability to repair a product

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QUESTION 7 of 70

(Sections : 2) SectionA 


Clear Response

Mark for Review

Robust design is:

- Six sigma quality
- Workmanship procedure
- Japanese Quality Society's standard
- Consistency in product performance

QUESTION 8 of 70

(Sections : 2) SectionA 

Clear Response


Mark for Review

The operations function has functional linkages with

- Suppliers
- Finance
- Marketing
- All of the above

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QUESTION 9 of 70

(Sections : 2) SectionA 


Clear Response

Mark for Review

Which of the following statements about time series forecasting is true:

- It is based on the assumption that future demand will be the same as past demand
- Because it accounts for trends, cycles and seasonal pattern, it is more powerful than casual forecasting
- It makes extensive use of the data collected in the qualitative approach
- The analysis of past demand helps predict future demand

QUESTION 10 of 70

(Sections : 2) SectionA 

Clear Response

Mark for Review

When a company carries out break-even analysis for an outsourcing decision, the breakeven quantity is

- the ratio of the difference between variable outsourcing cost and variable in-house production cost to fixed costs
- the product of the variable costs times the fixed costs
- the ratio of fixed costs to the difference between variable outsourcing cost and variable in-house production cost
- the product of the variable costs times the production quantity

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QUESTION 11 of 70

(Sections : 2) SectionA ▶

Clear Response

Mark for Review

Which of the following is most closely related to Statistical Process Control (SPC)?

Process specifications

Unwanted causes of variation

Acceptance sampling

Self-audits

QUESTION 12 of 70

(Sections : 2) SectionA ▶

Clear Response

Mark for Review

With reference to attributes customers use in evaluating the quality of products and services, a holiday package is high in

Experience attributes

Credence attributes

Search attributes

Benefits attributes

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QUESTION 13 of 70

(Sections : 2) SectionA ▶

Clear Response

Mark for Review

In a decision tree, the sum of probabilities of all chance branches will be

1.5

0.33

1

none of these

QUESTION 14 of 70

(Sections : 2) SectionA ▶

Clear Response

Mark for Review

Resource allocation is a trade off between

finance and operations

operations and sales

operations and human resources

planning and operations

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QUESTION 15 of 70 (Sections : 2) Section A 3 Clear Response Mark for Review

Regular patterns in demand that take place over long periods of time are called

- Seasonal patterns
- Cyclical patterns
- Trends
- Irregular variation

QUESTION 16 of 70 (Sections : 2) Section A 3 Clear Response Mark for Review


For a fast food joint, order-taking, bill payment and home delivery are:

- inputs
- processes
- services
- outputs

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QUESTION 16 of 70

(Sections : 2) SectionA 

Clear Response

Mark for Review

For a fast food joint, order-taking, bill payment and home delivery are:


inputs

processes

services

outputs

QUESTION 17 of 70

(Sections : 2) SectionA 

Clear Response

Mark for Review

Exponential smoothing _____

Gives a mathematically optimal solution

Assigns weights to past data that decay exponentially as the data gets older

Is best for long-term forecasting

Cannot be adapted to handle trend

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QUESTION 18 of 70

(Sections : 2) SectionA ▶

Clear Response

Mark for Review

Which of the statements below best describes office layout

- Addresses the layout requirements of large, bulky projects such as ships and buildings.
- Seeks the best personnel and machine utilization in repetitive or continuous production.
- Groups workers, their equipment, and spaces/offices to provide for movement of information.
- Allocates shelf space and responds to customer behaviour.

QUESTION 19 of 70

(Sections : 2) SectionA ▶

Clear Response

Mark for Review

_____forecasts are needed to allocate budgets among businesses, decide the number of employees, and schedule equipment and other resources.

- Intermediate-range
- Short-range
- Long-range
- Demand planning

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QUESTION 20 of 70

(Sections : 2) SectionA 3

Clear Response

Mark for Review

Which of the following is not a component of a supply chain?

Information

Labour market

Products and services

Accounting

QUESTION 21 of 70

(Sections : 2) SectionA 3

Clear Response

Mark for Review

Product requirement to meet pre-defined standards is known as:

design quality

quality of reliability

Quality of performance

conformance to quality

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QUESTION 22 of 70

(Sections : 2) SectionA 3

Clear Response

Mark for Review

Which of the following is not competitive priority for most companies?

flexibility

innovation

speed

infrastructure

QUESTION 23 of 70

(Sections : 2) SectionA 3

Clear Response

Mark for Review

_____ is not core entity for proper functioning of a process:

Trained operators

Knowledge of Equipment

Methods or procedures

Climatic controls

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QUESTION 24 of 70

(Sections : 2)

SectionA 

Clear Response

Mark for Review

One of the product examples for process layout is:

- Welding shop
- Two wheeler manufacturing plant
- TV manufacture
- Cement manufacturing plant

QUESTION 25 of 70

(Sections : 2)

SectionA 

Clear Response



Mark for Review

Which of the following is NOT an objective of MRP:

- improving customer service
- reducing inventory investment
- predicting safety stock requirements
- improve plant operating efficiency

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QUESTION 26 of 70

(Sections : 2) SectionA  



Clear Response

Mark for Review

The logistics function includes all of the following activities EXCEPT:

- inspection of incoming materials.
- loading finished goods into outgoing vehicles
- movement of materials from a factory warehouse to the factory assembly area
- storing finished products in a finished-goods warehouse.

QUESTION 27 of 70

(Sections : 2) SectionA  

Clear Response

Mark for Review

The major problem addressed by the warehouse layout strategy is:

- requiring frequent contact close to one another
- addressing trade-offs between space and material handling
- minimizing difficulties caused by material flow varying with each product
- balancing product flow from one workstation to the next

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QUESTION 28 of 70

(Sections : 2) SectionA 3

Clear Response

Mark for Review

Which of the following is not a reason for facility layout analysis?

- A new product/service is introduced.
- A new supplier is contracted.
- There is change in demand or throughput volume.
- Different process, equipment and technology are installed.

QUESTION 29 of 70

(Sections : 2) SectionA 3

Clear Response

Mark for Review

_____ is the time which elapses between issuing replenishment order and receipt of material in the stores

- Lead time
- Idle time
- Replenishment time
- Cycle Time

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QUESTION 30 of 70

(Sections : 2) SectionA 3

Clear Response

Mark for Review

Which of the following costs is not a component of holding cost?

Insurance

Material handling

Taxes

Order processing

QUESTION 31 of 70

(Sections : 2) SectionA 3

Clear Response

Mark for Review

In reference to classification of quality costs, equipment design falls in the category.

Appraisal


Internal-failure

Prevention

External-failure

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QUESTION 32 of 70

(Sections : 2) SectionA 

Clear Response

Mark for Review

Non-conformance is an expense of:


Cost of quality

Profit of quality

Detects of quality

Quality of product

QUESTION 33 of 70

(Sections : 2) SectionA 

Clear Response

Mark for Review

Which of the following tasks is not carried out by an operations manager?

Adapts to global and environmental changes

Manages cash flows and investments

Translates customer needs into products and services

Uses technology to enhance productivity

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QUESTION 34 of 70

(Sections : 2)

SectionA

Clear Response

Mark for Review

Which of the following is not a variable cost?

transportation cost

cost of leasing an equipment

labour cost

material cost

QUESTION 35 of 70

(Sections : 2)

SectionA

Clear Response

Mark for Review

_____ was originator of Scientific Management.

Henry Ford

Elton Mayo

Adam Smith

F.W.Taylor

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QUESTION 36 of 70

(Sections : 2) SectionA ▶

Clear Response

Mark for Review

If demand forecast for a particular vehicle can be given by the regression line, $Y = 400 + 382X$, where X is month and Y is demand. In which month the forecasted demand will be 57487

14

15

13

16

QUESTION 37 of 70

(Sections : 2) SectionA ▶

Clear Response

Mark for Review

The term slack refers to _____ in project management

completion of an activity without delaying the project

critical for project completion

an activity whose delay has no effect on project completion

required to complete critical activities of a project

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QUESTION 38 of 70

(Sections : 2) SectionA ▶

Clear Response

Mark for Review

Quality checklists are used to:

- Ensure that quality assurance steps were followed
- Keep quality inspectors busy
- Prevent project audits
- Inform upper management where failures occur

QUESTION 39 of 70

(Sections : 2) SectionA ▶

Clear Response

Mark for Review

Machine down time is an example of which type of quality cost?

- Appraisal
- Internal-failure
- Prevention
- External-failure

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QUESTION 40 of 70

(Sections : 2) SectionA 3

Clear Response

Mark for Review

Repeatable increase and decrease in demand over short periods of time are called

Seasonal patterns

Cyclical patterns

Trends

Irregular variation

QUESTION 41 of 70

(Sections : 2) SectionA 3

Clear Response

Mark for Review

Decisions that concern the day-to-day activities of workers, quality of products and services, production and overhead costs, and maintenance of machines are known as:

control decisions


production decisions

operating decisions

management decisions

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QUESTION 42 of 70

(Sections : 2) SectionA 

Clear Response

Mark for Review

ISO 14000 are basically:


Process standards

Environment standards

Quality standards

None of the above

QUESTION 43 of 70

(Sections : 2) SectionA 

Clear Response

Mark for Review

Which one of the following is not a statistical method of forecasting?

Exponential smoothing

Moving average

Delphi

Linear regression

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QUESTION 44 of 70

(Sections : 2) SectionA 3

Clear Response

Mark for Review

Which of the following describes the quality definition of fitness for use?

- Doing it right the first time
- Conforming to design specifications
- Consistency in product / service quality
- The ability of a product/service to meet customer needs

QUESTION 45 of 70

(Sections : 2) SectionA 3

Clear Response

Mark for Review

if effective capacity of a firm is 400 units, and its actual output is 300 units, then % efficiency will be

- 80
- 90
- 75
- 100

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QUESTION 46 of 70

(Sections : 2) SectionA 


Clear Response

Mark for Review

Which one of the following statements is not true regarding, inventory management?

- Inventory management applies to products as well as to service
- Different types products require different approaches for inventory control
- The two fundamental inventory decisions are when, to order and what to order
- Products are often aggregated or partitioned into groups with similar characteristics or monetary value

QUESTION 47 of 70

(Sections : 2) SectionA 

Clear Response


Mark for Review

Which one of the following statements is true?

- When using, ABC analysis, C items should be reviewed most frequently
- Dependent demand is directly related to the demand of another and can be calculated without needing to be forecast
- Inventory is any asset held for future use or sale
- Stockouts occur in a Fixed Quantity System whenever demand during lead-time exceeds the replenishment level

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QUESTION 48 of 70

(Sections : 2) SectionA 


Clear Response

Mark for Review

Which one the following is not related to a pull system?

- Final assembly schedule
- Real time information
- Inventory of finished products
- Sales rate

QUESTION 49 of 70

(Sections : 2) SectionA 

Clear Response

Mark for Review

In single exponential smoothing method

- Small values of alpha (α) place more emphasis on recent data
- Very volatile time series with substantial random variability should use a large value for alpha (α)
- Large values of alpha (α) place more emphasis on recent data
- Very stable time series with little random variability should use small values for alpha (α)

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QUESTION 50 of 70

(Sections : 2) SectionA 3

Clear Response

Mark for Review

Which is *not* correct with respect to fixed-position layout?

- High demand
- Olympics is an example
- Synonymous with project
- Used for producing large products

QUESTION 51 of 70

(Sections : 2) SectionA 3

Clear Response



Mark for Review

Which one of the following is an important feature of process layout?

- Standardization
- Specialized equipment
- Skilled workers
- Little work-in-process inventories

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QUESTION 52 of 70

(Sections : 2) SectionA  



Clear Response

Mark for Review

The preferred method for achieving total quality in process output is:

- Perform Inspection at the next process
- Rely on a team of highly trained and dedicated Inspectors
- Build and install an error-proof process and maintain it
- Rely on operator's self-inspection and self correction

QUESTION 53 of 70

(Sections : 2) SectionA  

Clear Response

Mark for Review

Costs of backordering a product are called _____ costs.

- Shortage
- Ordering
- Holding
- Setup

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QUESTION 54 of 70

(Sections : 2) SectionA ▶

Clear Response

Mark for Review

Features and benefits that differentiate one product from another are called

Order Satisfiers

Order Exciters

Order Qualifiers

Order Winners

QUESTION 55 of 70

(Sections : 2) SectionA ▶

Clear Response

Mark for Review

Outsourcing is

opposite of vertical integration

opposite of backward integration

Similar to offshoring

similar to diversification

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QUESTION 56 of 70

(Sections : 2) SectionA 


Clear Response

Mark for Review

A bills of material (BOM) file includes:

- a list of materials and quantities required to produce one unit of an end item
- accounts payable for materials
- invoices for materials that must be paid in this period
- invoices for materials that must be paid in this period and accounts payable for materials

QUESTION 57 of 70

(Sections : 2) SectionA 

Clear Response

Mark for Review

If demand forecast for a particular vehicle can be given by the regression line, $Y = 400 + 382X$, where X is month and Y is demand. Find the demand forecast of 13th month

- 5366
- 7337
- 2344
- none of these

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QUESTION 58 of 70

(Sections : 2) SectionA 3

Clear Response

Mark for Review

Which of the following statements is not true for Delphi method?

- Brought together as a group
- Process iterates until a consensus is reached
- Experts are used
- Qualitative as well as numerical outputs can be obtained

QUESTION 59 of 70

(Sections : 2) SectionA 3

Clear Response

Mark for Review

A house of quality is

- A schematic showing how a product is put together
- A list of operations necessary to produce a component
- A matrix relating customer "wants" to firm's "hows"
- A set of standard operating procedures for a task

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QUESTION 60 of 70

(Sections : 2) SectionA 3

Clear Response

Mark for Review

which is the smallest value among design capacity, effective capacity, and actual output

effective capacity

actual output

design capacity

none of these

QUESTION 61 of 70

(Sections : 2) SectionA 3

Clear Response

Mark for Review

Forecasts:

Become more accurate with longer time horizons


Are rarely perfect

Are more accurate for individual items than for groups of items

All of the above

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QUESTION 62 of 70

(Sections : 2) SectionA 

Clear Response

Mark for Review

TQM is a strategy that is designed to change the quality of a product to satisfy customer needs by using the concept of _____

- PLC analysis
- Product maintenance
- Benchmarking
- Brainstorming

QUESTION 63 of 70

(Sections : 2) SectionA 

Clear Response

Mark for Review

Dependent-demand inventory means:

- Materials that are on order, but not yet arrived
- Materials that are service parts
- Materials that have already been assigned to specific orders
- None of the alternatives is correct

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QUESTION 64 of 70

(Sections : 2)

SectionA

Clear Response

Mark for Review

Which is a major advantage for product layout?

Lower work-in-process inventories

High job satisfaction

Flexible

New products can be produced

QUESTION 65 of 70

(Sections : 2)

SectionA

Clear Response

Mark for Review

_____ is not typically an objective of scheduling.

maximizing the process time

minimizing overtime

minimizing the job delay

maxiizing machine utilization

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QUESTION 66 of 70 (Sections : 2) Section A 3 Clear Response Mark for Review

_____ forecasts are needed to plan for facility installation.

- Intermediate-range
- Short-range
- Long-range
- Demand planning