

Question No : 1 of 27

Marks: 1 (Budgeted Time 1 Min)

Which one of the following is a measure of productivity that involves measuring inputs and outputs using a common unit of measurement?

Multifactor

Partial

Single

Total

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Question No : 2 of 27

Marks: 1 (Budgeted Time 1 Min)

Which of the following is **NOT** a decision to be made by operations managers?

How much capacity is required to balance demand?

What should be the location and layout of a facility?

How to improve operational efficiency?

Which market areas to manufacture the products for?

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Question No : 3 of 27

Marks: 1 (Budgeted Time 1 Min)

Which one of the following techniques uses historical data to predict future value of a variable of interest?

Time series method

Causal forecasting method

Qualitative forecasting method

Intuitive forecasting method

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Question No : 4 of 27

Marks: 1 (Budgeted Time 1 Min)

What would be the utilization, if 34 cars are produced in a day with a design capacity of 50 cars per day?

Answer (Please select your correct option)

68%

1.47%

84%

16%

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Question No : 4 of 27

Marks: 1 (Budgeted Time 1 Min)

What would be the utilization, if 34 cars are produced in a day with a design capacity of 50 cars per day?

Answer (Please select your correct option)

68%

1.47%

84%

16%

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Question No : 5 of 27

Marks: 1 (Budgeted Time 1 Min)

Effective capacity is influenced by all of the following factors EXCEPT:

Answer (Please select your correct option)

Facilities

Product mix

Processes

Operations

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Question No : 6 of 27

Marks: 1 (Budgeted Time 1 Min)

ABC Corporation has planned to purchase a new machine. Total annual fixed cost is Rs. 10,000, variable cost is Rs. 5 per unit and revenue is Rs. 7 per unit. What would be the break even point?

Answer (Please select your correct option)

833 units

2000 units

5000 units

1012 units

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Question No : 7 of 27

Marks: 1 (Budgeted Time 1 Min)

Which one of the following is the correct order of layout types from low volume/high variety to high volume/low variety?

Answer (Please select your correct option)

Fixed position, process, cell, product

Fixed position, cell, process, product

Fixed position, process, product, cell

Process, fixed position, cell, product

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Question No : 8 of 27

Marks: 1 (Budgeted Time 1 Min)

A self-service cafeteria is usually positioned as:

Answer (Please select your correct option)

Process layout

Fixed position layout

Hybrid layout

Product layout

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Question No : 9 of 27

Marks: 1 (Budgeted Time 1 Min)

What would be the output capacity if an assembly line operates for 7 hours per day with a cycle time of 2.0 minutes?

Answer (Please select your correct option)

210 units per day

3.5 units per day

0.004 units per day

14 units per day

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Question No : 10 of 27

Marks: 1 (Budgeted Time 1 Min)

Which of the following is an advantage of standardization?

Frozen designs

Customized parts

Interchangeable parts

Reduced variety

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Question No : 11 of 27

Marks: 1 (Budgeted Time 1 Min)

Which one of the following is the final stage of product life cycle?

Growth

Decline

Maturity

Planning

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Question No : 12 of 27

Marks: 1 (Budgeted Time 1 Min)

Which one of the following is TRUE about Taguchi approach?

Answer (Please select your correct option)

- To test the robustness of a design
- To articulate the "voice of the customer"
- To reduce the degree of automation
- To create a concurrent design

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Question No : 13 of 27

Marks: 1 (Budgeted Time 1 Min)

Which one of the following is correct about the range of availability on a measuring index?

Answer (Please select your correct option)

- 0.1 to 1.0
- 0 to 1.0
- 0.5 to 1.0
- 0.01 to 1.0

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Question No : 14 of 27

Marks: 1 (Budgeted Time 1 Min)

The disadvantages of specialization to management include all of the following EXCEPT:

Answer (Please select your correct option)

- More turnover
- More difficult to teach the job
- More absenteeism
- Minimum responsibility

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Question No : 15 of 27

Marks: 1 (Budgeted Time 1 Min)

Which one of the following is the focus of predetermined motion time system?

Answer (Please select your correct option)

- Individual human motions that are used in a job task
- Determining the length of time it will take to undertake a particular task
- Determining the amount of time a worker spends on various activities
- Providing standard times for micro motions such as reach, move and release

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Question No : 16 of 27

Marks: 1 (Budgeted Time 1 Min)

Which one of the following forecasting methods uses subjective inputs such as opinions from consumer surveys, sales staff, managers and experts?

Answer (Please select your correct option)

- Time series model
- Least Square method
- Judgmental forecasting model
- Associative forecasting model

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Question No : 17 of 27

Marks: 1 (Budgeted Time 1 Min)

Business that generate something other than physical products are basically

Answer (Please select your correct option)

- Cultural goods transformation
- Data transfer groups
- Manufacturing organizations
- Service organizations

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Question No : 18 of 27

Marks: 1 (Budgeted Time 1 Min)

Boost in productivity can not be achieved if one of the following situation occurs

Answer (Please select your correct option)

- The task is more intellectual and personal
- The task is more quantitative and repetitive
- The task is more physical and tangible
- The task is more good-producing and standardized

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Question No : 19 of 27

Marks: 1 (Budgeted Time 1 Min)

In workforce productivity the most commonly used measures of input are:

Answer (Please select your correct option)

- Hours worked, workforce jobs and number of people in employment
- Hours worked, total resources and workforce jobs
- Total resources and number of people in employment.
- Total resources

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Question No : 20 of 27

Marks: 1 (Budgeted Time 1 Min)

For what purpose the tools like Decision trees and Graphical sensitivity analysis are being used in operations management?

Answer (Please select your correct option)

- For the evaluation of the alternatives
- For analyzing decision problems
- For making optimistic decisions
- Non of the above

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Question No : 21 of 27

Marks: 1 (Budgeted Time 1 Min)

Decisions are actually composite of _____.

Answer (Please select your correct option)

- Information and data
- Information, data, facts and belief
- Information, data, facts, belief and development
- Non of the above

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Question No : 22 of 27

Marks: 1 (Budgeted Time 1 Min)

Which of the following Quantitative method is essential for forecasting?

Answer (Please select your correct option)

- Sales force composite
- Panel of executive opinion
- Consumer market survey
- Exponential smoothing

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Question No : 23 of 27

Marks: 3 (Budgeted Time 6 Min)

What sort of information is needed to design process layout for an organization?

Answer (Please click here to Add Answer)



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Question No : 24 of 27

Marks: 3 (Budgeted Time 6 Min)

Discuss the various activities performed by Research and Development department of an organization?

Answer ([Please click here to Add Answer](#))



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Question No : 25 of 27

Marks: 3 (Budgeted Time 6 Min)

What is a forecast? How is forecasting useful for an operations manager ?

Answer ([Please click here to Add Answer](#))



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Question No : 26 of 27

Marks: 5 (Budgeted Time 10 Min)

What are the implementations of mass customization in today's business environment?

Answer ([Please click here to Add Answer](#))



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Question No : 27 of 27

Marks: 5 (Budgeted Time 10 Min)

In order to design process layout what variety of information is mandatory?

Answer ([Please click here to Add Answer](#))



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