

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?

Answer (Please select your correct option)

- ☐ 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?

Answer (Please select your correct option)

- ☐ 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?

Answer (Please select your correct option)

- ☐ 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?

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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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