

Question No : 1 of 27

Marks: 1 (Budgeted Time 1 Min)

All of the following are examples of quantitative forecasting EXCEPT:

Answer (Please select your correct option)

- ☐ Delphi method
- ☐ Time series analysis
- ☐ Associative models
- ☐ Naive forecasting

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Question No : 2 of 27

Marks: 1 (Budgeted Time 1 Min)

As an operations manager you have collected data about the demand of certain product "P" over time "t". The data shows short-term fairly regular variations over the time period "t". Which one of the following is correctly explaining the behavior of the data?

Answer (Please select your correct option)

- ☐ Cycle
- ☐ Random variation
- ☐ Seasonality
- ☐ Trend

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Question No : 3 of 27

Marks: 1 (Budgeted Time 1 Min)

Which one of the following mathematical expressions is used to compute utilization?

Answer (Please select your correct option)

- ☐ Actual output / effective capacity
- ☐ Actual output / design capacity
- ☐ Actual output + effective capacity
- ☐ Actual output - design capacity

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Question No : 4 of 27

Marks: 1 (Budgeted Time 1 Min)

Which one of the following stages of product life cycle relates to more predictable behavior in terms of capacity requirements?

Answer (Please select your correct option)

☐ Introduction

☐ Growth

☐ Maturity

☐ Decline

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Question No : 5 of 27

Marks: 1 (Budgeted Time 1 Min)

Which of the following statements is correct about capacity evaluating alternatives?

Answer (Please select your correct option)

☐ Minimum cost and optimal operating rate are functions of size of plant.

☐ Minimum cost and optimal operating rate are functions of fixed cost.

☐ Minimum cost and productivity are functions of size of plant.

☐ Maximum cost and optimal operating rate are functions of size of plant.

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Question No : 6 of 27

Marks: 1 (Budgeted Time 1 Min)

Which one of the following formulae can be used to compute break even point?

Answer (Please select your correct option)

☐ $Q = VC / (R - VC)$

☐ $Q = FC / (R - VC)$

☐ $Q = VC / (R + FC)$

☐ $Q = FC / (R + VC)$

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Question No : 7 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 : 8 of 27

Marks: 1 (Budgeted Time 1 Min)

What would be the required cycle time for a process that operates 9 hours daily with a desired output of 300 units per day?

Answer (Please select your correct option)

☐ 0.03 minutes

☐ 1.8 minutes

☐ 2700 minutes

☐ 291 minutes

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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 probability distribution is used most extensively in dealing with forecasting errors?

Answer (Please select your correct option)

☐

Normal

☐

Exponential

☐

Beta

☐

Pareto

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Question No : 11 of 27

Marks: 1 (Budgeted Time 1 Min)

FDA stands for which of the following?

Answer (Please select your correct option)

☐

Financial documents agency

☐

Functional drug agency

☐

Federal drug agency

☐

Fundamental documents agency

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Question No : 12 of 27

Marks: 1 (Budgeted Time 1 Min)

In order to comply with the environmental standards, an organization ABC has to implement Occupational Safety Hygiene Administration (OSHA). Which one of the following is a way to accomplish this task?

Answer (Please select your correct option)

☐

Promoting friendly relations among employees

☐

Installing safety guards and devices to reduce the risk of potential accidents

☐

Installing machinery to make the process speedy

☐

Installing machinery that provides cost effective output

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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)

Which one of the following factors makes a forecast LESS perfect?

Answer (Please select your correct option)

☐ Randomness

☐ Non serious attitude

☐ Non availability of data

☐ Un qualified personnel

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Question No : 15 of 27

Marks: 1 (Budgeted Time 1 Min)

Which one of the following is an example of regional factors that affect location decisions?

Answer (Please select your correct option)

☐ Transportation

☐ Quality of life

☐ Development support

☐ Location of new markets

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Question No : 16 of 27

Marks: 1 (Budgeted Time 1 Min)

Which one of the following is an example of site related factors that affect location decision?

Answer (Please select your correct option)

- ☐ Transportation
- ☐ Quality of life
- ☐ Location of new markets
- ☐ Location of raw materials

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Question No : 17 of 27

Marks: 1 (Budgeted Time 1 Min)

Which of the following **best** describes the concept of the value chain?

Answer (Please select your correct option)

- ☐ The step-wise increases in product prices as raw materials are turned into goods/services
- ☐ Adding financial value to an organization through the acquisition of other firms
- ☐ A sequence of activities that involve movement of materials in a production facility
- ☐ All steps in the transformation process that add value even if they don't come from manufacturing

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Question No : 18 of 27

Marks: 1 (Budgeted Time 1 Min)

Quality, costs, lead times, operating resources are all related to which one of the following strategies.

Answer (Please select your correct option)

- ☐ Organizational strategy
- ☐ Financial strategy
- ☐ Operational strategy
- ☐ Tactical strategy

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Question No : 19 of 27

Marks: 1 (Budgeted Time 1 Min)

All of the following are examples of time based strategies EXCEPT:

Answer (Please select your correct option)

- ☐ Products /service design time
- ☐ Processing time
- ☐ Response time for complaints
- ☐ Response time for innovation

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Question No : 20 of 27

Marks: 1 (Budgeted Time 1 Min)

Which one of the following is NOT an input in the transformation process?

Answer (Please select your correct option)

- ☐ Informations
- ☐ Services
- ☐ Facilities
- ☐ Materials

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Question No : 21 of 27

Marks: 1 (Budgeted Time 1 Min)

Which one of the following is an advantage of a moving average forecast?

Answer (Please select your correct option)

- ☐ All the values in the average are weighted equally
- ☐ The method is reliable to forecast the demand accurately
- ☐ The method is easy to compute and easy to understand
- ☐ The most recent values are given the more weightage

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Question No : 22 of 27

Marks: 1 (Budgeted Time 1 Min)

In operations management what does the time required to react appropriately to a competitor's strategies or technology up gradation is called?

Answer (Please select your correct option)

- ☐ Processing time
- ☐ Changeover time
- ☐ Response Time
- ☐ Planning time

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Question No : 23 of 27

Marks: 3 (Budgeted Time 6 Min)

What are the reasons that support the use of process layout?

Answer (Please click here to Add Answer)

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Question No : 24 of 27

Marks: 3 (Budgeted Time 6 Min)

What are the important objectives of design strategy?

Answer (Please click here to Add Answer)

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Question No : 25 of 27

Marks: 3 (Budgeted Time 6 Min)

Demand depends upon different components. Elaborate the various demand components.

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

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Question No : 26 of 27

Marks: 5 (Budgeted Time 10 Min)

In terms of product and service design what sort of problems most of the organizations of Pakistan are facing?

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

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Question No : 27 of 27

Marks: 5 (Budgeted Time 10 Min)

Identify the characteristics and form of incentive plans?

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

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