

National Testing Agency

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Manufacturing Competitiveness

Group Number : 1
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Manufacturing Competitiveness

Section Id : 709597149
Section Number : 1
Section type : Online
Mandatory or Optional: Mandatory
Number of Questions: 100
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Section Marks: 100
Display Number Panel: Yes
Group All Questions: No

Sub-Section Number: 1
Sub-Section Id: 709597169
Question Shuffling Allowed : Yes

Question Number : 1 Question Id : 70959714201 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Amongst the 7 Waste of lean which is the most harmful

- a) Defects
- b) Inventory
- c) Overproduction
- d) Downtime

Question Number : 2 Question Id : 70959714202 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

What is the aim of lean manufacturing?

- a) Cost Reduction
- b) Zero Defects
- c) Just in Time
- d) Reduce Throughput time

Question Number : 3 Question Id : 70959714203 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The aim of Set up time reduction in lean manufacturing is to reduce

- a) Cost
- b) Inventory
- c) Batch Size
- d) Manpower

Question Number : 4 Question Id : 70959714204 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Why do we have tolerance limits?

- a) Reduce cost of production
- b) Ease of production
- c) Cannot have Zero Variability
- d) None of the above

Question Number : 5 Question Id : 70959714205 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Why should we aim for 6 sigma?

- a) Many have it
- b) Even a big deviation of mean will still not produce rejects
- c) Because the customer wants it
- d) Like the name

Question Number : 6 Question Id : 70959714206 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Kaizen Means

- a) Manual Work improvement
- b) Process Improvement
- c) Machine Improvement
- d) All of these

Question Number : 7 Question Id : 70959714207 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Amongst Quality, Cost Delivery which two create a competitive advantage

- a) Quality & Delivery
- b) Cost & Quality
- c) Delivery & Cost
- d) None

Question Number : 8 Question Id : 70959714208 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which is a better indicator of company performance

- a) Net Profit
- b) High Productivity
- c) High inventory turn
- d) High ROI

Question Number : 9 Question Id : 70959714209 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Inventories used for decoupling downstream operation from upstream operation

- a) Makes a business wait longer for products
- b) Makes one part of a business less directly dependent on other parts of the business
- c) Reduces overall inventory levels
- d) Provides JIT deliveries

Question Number : 10 Question Id : 70959714210 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

In material requirements planning logic, the lead time:

- a) Is used to calculate net requirements
- b) Is used to calculate gross requirements of the end product
- c) Is used in backward scheduling to determine when the planned order release should take place
- d) Is used to add a safety stock to the net requirements

Question Number : 11 Question Id : 70959714211 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

An example of a fixed quantity, variable interval model would be:

- a) Material requirements planning
- b) A typical reorder point system
- c) A periodic review system
- d) The economic order quantity model

Question Number : 12 Question Id : 70959714212 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Improved response time for a product or service affects the net income of the producer by:

- a) Increasing the value as perceived by the customer
- b) Reducing the level of assets
- c) Lengthening the cash-to-cash cycle
- d) Eliminating defects

Question Number : 13 Question Id : 70959714213 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Determining the necessary start date when the due date is known is known as:

- a) Forward scheduling
- b) Critical ratio scheduling
- c) Backward scheduling
- d) The early start computation

Question Number : 14 Question Id : 70959714214 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The reduction of time associated with the cash-to-cash cycle will:

- a) Decrease inventory levels
- b) Extend payment options
- c) Increase ROA
- d) Reduce receivables

Question Number : 15 Question Id : 70959714215 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which of the following was not a motivating force behind the adoption of supply chain management?

- a) Improved communication brought about by better technology
- b) Recognition that customer decision dictate costs for suppliers
- c) Increased competition
- d) Cost cutting efforts by dominant companies in supply chains

Question Number : 16 Question Id : 70959714216 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

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

- a) Strategic partnering
- b) Mutual pricing strategies
- c) Cooperative product design
- d) Distribution network configuration

Question Number : 17 Question Id : 70959714217 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Reducing inventory can be accomplished by:

- a) Better forecasting
- b) Producing precisely at the rate of demand
- c) Eliminating queues of customers
- d) Eliminating nonvalue-adding processes

Question Number : 18 Question Id : 70959714218 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Reducing production batch size is made more economical by:

- a) Eliminating balance delay
- b) Maximizing cycle time
- c) Eliminating Kanban buffers
- d) Reducing changeover time

Question Number : 19 Question Id : 70959714219 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

In capacity requirements planning:

- a) Capacity lost to breakdowns is anticipated.
- b) Capacity excess is used to build up inventory.
- c) Capacity shortages are used to justify late orders.
- d) Required capacity is compared to available capacity.

Question Number : 20 Question Id : 70959714220 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The utilization of a no constraint is determined by:

- a) Its own capabilities
- b) The system's constraint
- c) The capabilities of all worst no constraints
- d) The average output rate of the no constraints

Question Number : 21 Question Id : 70959714221 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

A critical relationship between local and global productivity measures is:

- a) Optimizing local measures will automatically optimize global measures
- b) Local measures are never in conflict with each other
- c) Global measures are the sum of local measures
- d) Optimizing local measures will not guarantee global optimum

Question Number : 22 Question Id : 70959714222 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

An important aspect of making business decisions that affect competitiveness is:

- a) Focus strictly on the known costs and benefits
- b) In addition to costs and benefits, consider the implications of possible actions by competitors
- c) Always overestimate costs to provide a buffer for error
- d) When making trade-offs among different alternatives, consider only financial aspects

Question Number : 23 Question Id : 70959714223 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

As delivery frequency is increased

- a) Service will decline
- b) Inventory levels increase
- c) Service will increase
- d) Inventory levels decrease

Question Number : 24 Question Id : 70959714224 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

What is the purpose of modern manufacturing organisation

- a) To make things cheap
- b) To produce goods of quality
- c) To efficiently use the most scarce resource
- d) To provide employment and create entrepreneurship

Question Number : 25 Question Id : 70959714225 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

When we speak about production in economics, the three factors of production considered are:

- a) 1. Labour 2. Land 3. Capital
- b) 1. Demand 2. Customers 3. Factory
- c) 1. Customer 2. Employee 3. Capital
- d) 1. Cost 2. Location 3. Efficiency

Question Number : 26 Question Id : 70959714226 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

How can an organisation remain competitive and how to guide it towards the next step can be easily explained if we consider the three core factors of production

- a) Inter-changeable
- b) Optimizable
- c) Scars
- d) Sufficient Condition

Question Number : 27 Question Id : 70959714227 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Modern manufacturing organisation is in business because

- a) There is a demand for its product
- b) It has capacity to manufacture a product
- c) All the machines are depreciated and hence cost of manufacturing very low
- d) The quality is consistent and good

Question Number : 28 Question Id : 70959714228 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Modern manufacturing organisations besides having to produce items of good quality at low cost also have to

- a) Provide solutions to reduce their customer's effort of doing business
- b) Design & Develop their own products
- c) Remain profitable
- d) Deliver goods on time

Question Number : 29 Question Id : 70959714229 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

What is the apparent rule of flow of manufacturing work

- a) It flows from areas of high cost to areas of lower cost
- b) It flows to areas nearest to the demand
- c) Optimised location study models based on response decide the location
- d) It flows to a location where government gives benefits

Question Number : 30 Question Id : 70959714230 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

An aspect of business activity that can give a modern manufacturing organisation a competitive edge is

- a) Improving & developing new products
- b) Consistently meeting customer expectations
- c) Removing a significant pain of a customer
- d) Deliver goods on time in full

Question Number : 31 Question Id : 70959714231 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Manufacturing organisation today besides meeting customer expectation also have to

- a) Integrate their IT to the customer's system
- b) Respond well to quality issues
- c) Grow with their customers
- d) Show all their cost structure to their customers.

Question Number : 32 Question Id : 70959714232 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

In Henry Ford's flow lines what was used to limit over production

- a) Supervisor
- b) Space
- c) Inventory
- d) There was no need to limit over production

Question Number : 33 Question Id : 70959714233 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

In Taiichi Ohno's system or the Toyota Production system overproduction is considered the biggest waste. Which tool limits over production

- a) Kanban
- b) Heijunka
- c) Single Minute Exchange of Dies
- d) Poka Yoke

Question Number : 34 Question Id : 70959714234 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

What is the similarity between the Toyota Production system & Henry Ford's Production system

- a) Both use assembly line
- b) Both focus on increasing flow through the system
- c) Toyota learned from Ford hence they are similar
- d) There is no similarity was for mass production of single model and other for high variety

Question Number : 35 Question Id : 70959714235 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

What is the main purpose of operations?

- a) To produce at least cost
- b) Keep the department efficiencies at a high level
- c) To deliver on time and in full
- d) To increase the rate of flow of material through the system

Question Number : 36 Question Id : 70959714236 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

When we reduce the changeover time in a lean system. What aspect of business gets impacted the most

- a) We can now manufacture large batches and reduce per unit cost
- b) We can improve on time delivery and lessor inventory in the system
- c) Cost of change over goes down and output goes up
- d) Reduction in changeover time will impact the overall available time for production

Question Number : 37 Question Id : 70959714237 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Flow principles say that we should have a focusing mechanism which can lead to increasing the flow within a system .In Lean manufacturing which tool helps in focusing

- a) Balancing Load
- b) Heijunka
- c) Kanban
- d) Kaizen

Question Number : 38 Question Id : 70959714238 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Henry ford's assembly line evolved when two stations were brought together and joined by a conveyor.

This was done to

- a) Reduce overproduction and limit inventory within the system
- b) Standardize the work and reduce labour effort
- c) Automate the line so that everyone worked at the same speed
- d) It helped in improving plant layout and also in material handling

Question Number : 39 Question Id : 70959714239 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

To implement better flow systems

- a) We must abolish local efficiency measurements
- b) Make sure that utilization of all machines are improved
- c) Better and effective efficiency measurements are used everywhere
- d) We have to have better cost accounting methods

Question Number : 40 Question Id : 70959714240 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Highest level financial performance is exhibited when

- a) a company makes profit every year
- b) a company's profit keeps increasing every year
- c) a company's customers are delighted every year
- d) a company's profit and return on investment keeps increasing

Question Number : 41 Question Id : 70959714241 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The high level measures of company performance are

- a) Gross Profit, Operating Profit, and Net Profit
- b) Profit, ROI and Cash Flow
- c) Net Profit, Return on Assets, EBITA
- d) Profit, Share Value and Cash in Hand

Question Number : 42 Question Id : 70959714242 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Efficiency measurements are based on

- a) Cost focus
- b) Throughput focus
- c) Survival focus
- d) Stability focus

Question Number : 43 Question Id : 70959714243 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

In the cost world the biggest assumption is

- a) Overall improvement is the sum of improvements every where
- b) Focus on only key areas
- c) Separate the important from non important
- d) Cost calculations should be accurate

Question Number : 44 Question Id : 70959714244 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

In the throughput world output of the system can be improved by

- a) Making improvements everywhere
- b) By improving the performance of the weakest link
- c) By improving the utilization of all resources
- d) Producing in larger batches

Question Number : 45 Question Id : 70959714245 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Throughput (T) is the rate at which a company makes money by

- a) Production
- b) Sales
- c) Order Booking
- d) Producing Profitable products

Question Number : 46 Question Id : 70959714246 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Using our new operations measurements of Throughput (T), Operating Expense (OE) and Investment

(I). The following formula's T/OE and $T-OE/I$ are called

- a) Operating Ratios
- b) Productivity & ROI
- c) Efficiency & Inventory Turns
- d) Efficiency Ratios

Question Number : 47 Question Id : 70959714247 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Throughput based decision help

- a) In taking better operating decisions that impact global measures
- b) In reducing the negative impact of cost based decisions
- c) Are simple and understandable at all levels of a company
- d) All of the above

Question Number : 48 Question Id : 70959714248 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Ability of a company to make money is limited by it

- a) Constraint which is active
- b) Demand of its product
- c) Ability to control cost
- d) Customer Satisfaction

Question Number : 49 Question Id : 70959714249 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

What is the best method of identifying the profitable product that a company should sell

- a) Cost accounting will be most accurate
- b) The most profitable products will be the ones with higher margins
- c) Understand the role of the constraint in play to find out the profitable products
- d) Products that add more to top line are more profitable

Question Number : 50 Question Id : 70959714250 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Why constraint is also called a leverage point

- a) Focusing on it will cause a quantum jump in throughput very quickly
- b) Because it helps us manage the whole operation easily
- c) We know where we have to be careful
- d) We cannot afford to loose efficiency on constraint

Question Number : 51 Question Id : 70959714251 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

When we have wandering constraint in a system, what do we conclude

- a) It is natural for constraint to appear anywhere in a system over time
- b) We haven't managed to subordinate all activities to constraint
- c) There can be many constraints in a system simultaneously
- d) The system is under stress

Question Number : 52 Question Id : 70959714252 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

What is the most important use of a constraint

- a) The company is synchronised to run at the speed of the constraint
- b) Helps in focusing
- c) It tells you that any improvement on the constraint is an improvement for the whole system
- d) All of the above

Question Number : 53 Question Id : 70959714253 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

We should focus and deploy enough resources so that we get max throughput at the constraint because

- a) High utilisation is preferred
- b) Because we can do a lot of optimizing work every hour at the constraint
- c) An hour lost at the constraint is an hour lost for the system
- d) We don't have to allow any variation to impact the running of the constraint

Question Number : 54 Question Id : 70959714254 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

What type of constraint is most commonly seen in organisations?

- a) Physical
- b) Market
- c) Policy
- d) Supply

Question Number : 55 Question Id : 70959714255 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

What limits the ability of a company to make money

- a) Demand
- b) Margins
- c) Constraint
- d) Competition

Question Number : 56 Question Id : 70959714256 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

What are the building blocks of any tools in a manufacturing organisation

- a) BOM, Routing and item Master
- b) Customer Data, Supplier Data and financial data
- c) Machine list, Supplier List and Material list
- d) Material data, Machine Data and Employee Skill Data

Question Number : 57 Question Id : 70959714257 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Most manufacturing Companies need to buy material to support the manufacturing schedule. Use of MRP helps in better calculation. What type BOM should company have

- a) Single Level material BOM for Purchase
- b) Multilevel BOM for Manufacturing
- c) Having a reorder point will be enough. We don't need BOM
- d) Based on the date of supply the supplier deliver

Question Number : 58 Question Id : 70959714258 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Rough cut capacity planning is used so that we can check

- a) How much load is already booked and then promise a delivery date
- b) To see the order booking in weekly buckets
- c) We see if the total number of units booked are how much
- d) To see how much of my plant capacity was utilised

Question Number : 59 Question Id : 70959714259 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

If one has to promise a delivery date to a customer. Which planning tool should be used

- a) Enterprise Resource Planning Software (ERP)
- b) Material Requirement Planning (MRP)
- c) Finite Capacity Scheduling (FCS)
- d) Advanced Production Scheduling (APS)

Question Number : 60 Question Id : 70959714260 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

To synchronize the arrival of material into a company in small batches with higher frequency

- a) We first schedule each and every machine in operation sequence then plan for material
- b) We use high end MRP
- c) Assume a fix throughput time and offset the time from the date of delivery
- d) First calculate the weekly consumption and divide it into average daily delivery

Question Number : 61 Question Id : 70959714261 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

One of the most robust methods of production scheduling controlling operations is

- a) Drum-buffer-rope
- b) Manufacturing execution system (MES)
- c) Just-in-time
- d) Advanced Production Scheduling (APS)

Question Number : 62 Question Id : 70959714262 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

In Drum- Buffer- Rope planning buffer is in

- a) Units lying before constraint
- b) Fixed quantity before constraints
- c) Total load in hours before the Constraint
- d) Safety Stock so constraint never runs out of material

Question Number : 63 Question Id : 70959714263 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Supply Chain can also be explained as a collection of

- a) Activities distributed in many stages
- b) Companies doing many activities to sell a product
- c) Specialist doing work that they can do so that the product gets produced at the cheapest cost
- d) Contracts between companies to manufacture and supply to each other

Question Number : 64 Question Id : 70959714264 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

What changes the nature of supply chain?

- a) Whenever technology enhances one of the listed activities by making it more efficient
- b) It is a process of evolution and as companies find better way of doing their work Supply chain changes
- c) Whenever a new company or manufacturer comes into a supply chain it changes
- d) Government regulation and cheaper areas of production change supply chain

Question Number : 65 Question Id : 70959714265 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

What is the purpose of creating a supply chain

- a) Distribute the investment over the value addition chain to get the best ROI
- b) Reduce the cost of product
- c) To create value
- d) One cannot do all the work by themselves

Question Number : 66 Question Id : 70959714266 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

What is the basis of tiering of the automobile supply chain

- a) Reduce overhead of larger companies
- b) To reduce the Wastes as identified in lean
- c) To get the best technology to produce the product
- d) Intellectual property restrictions

Question Number : 67 Question Id : 70959714267 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

When we remove the brick and mortar store for the supply chain. Which of the activities in our list get impacted the most

- a) Storage & Transportation
- b) Financing & Retailing
- c) Storage & Retailing
- d) Advertising & Retailing

Question Number : 68 Question Id : 70959714268 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

When trying to enter a supply chain

- a) Being a low unit cost producer will be enough
- b) Aim to reduce the risk of supply in the chain
- c) Need to be good in product improvements to be considered
- d) Only size matters

Question Number : 69 Question Id : 70959714269 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

What activity in the supply chain got most impacted by the internet

- a) Design & marketing
- b) Retailing & Advertising
- c) Transportation & Financing
- d) Sorting & Marketing

Question Number : 70 Question Id : 70959714270 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which is the best way of reducing ones risk in a supply chain

- a) Keep improving the profits
- b) Keep on increasing the value addition in the total product
- c) Be responsive to customer deliveries & quality
- d) Provide a stable manufacturing and supply over a long period of time

Question Number : 71 Question Id : 70959714271 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

What is good condition for outsourcing?

- a) Cheaper unit cost
- b) Large volume product
- c) Unique investment in technology
- d) Good quality

Question Number : 72 Question Id : 70959714272 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

While making an irrefusable offer

- a) The focus should be make sure you make the cheapest offer
- b) Aim to significantly reduce one pain like no other can
- c) Agree to price the customer wants
- d) One has to be systematic

Question Number : 73 Question Id : 70959714273 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Order qualifying criteria can be quality and cost. But order winning criteria in a supply chain will also consider

- a) Delivery & Engineering
- b) Future investments capability
- c) Current size of operations
- d) Structure of the offer

Question Number : 74 Question Id : 70959714274 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

When taking a decision to outsource the focus should be on

- a) Decreasing the cost of purchase
- b) Increasing the throughput
- c) Increasing the quality
- d) Reducing the overhead cost

Question Number : 75 Question Id : 70959714275 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The decision making unit of a supply chain sourcing action consists of at least

- a) One person each from Marketing, Purchase, Quality and Production
- b) One person each from R & D, Purchase, Quality and Production
- c) One person each from Finance, Purchase, Quality and Production
- d) One person each from Marketing, Purchase, Quality and Stores

Question Number : 76 Question Id : 70959714276 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The basic nature of the old or core of the brain is

- a) Self-preservation
- b) Analysis
- c) Logic
- d) Control

Question Number : 77 Question Id : 70959714277 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

While making an offer it is important

- a) That we explain in detail who we are
- b) That we follow a sequence of steps and never jump to next step without agreeing on the completion of the previous step
- c) Answer the questions that asked and not follow our own steps
- d) That we make good presentation

Question Number : 78 Question Id : 70959714278 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

While outsourcing we keep multiple sources of supply to ensure

- a) That we can negotiate on price
- b) To reduce risk of disruption in supply
- c) To ensure the total quantity required can be supplied
- d) Increase competition between suppliers

Question Number : 79 Question Id : 70959714279 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

. Cost of Direct materials of sold goods are subtracted from revenues is to calculate

- A. throughput contribution
- B. operating cost contribution
- C. operating contribution
- D. marginal contribution

Question Number : 80 Question Id : 70959714280 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Sum of cost of direct materials, costs of buildings, equipment, research and development costs is classified as

- A. throughput costs
- B. investments
- C. operating costs
- D. marginal costs

Question Number : 81 Question Id : 70959714281 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

If cost of direct materials use in goods sold is \$5000 and total revenues are \$9000 then throughput contribution would be

- A. \$5,000
- B. \$14,000
- C. \$4,000
- D. \$9,000

Question Number : 82 Question Id : 70959714282 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

. Time a company takes until a good is produced after order placement is known as

- A. manufacturing lead time
- B. manufacturing cycle efficiency
- C. customer response time
- D. system process time

Question Number : 83 Question Id : 70959714283 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

. Chart which represents how regularly defect occurs in production process is classified as

- A. relevant costing diagram
- B. cause and effect diagram
- C. control chart
- D. Pareto chart

Question Number : 84 Question Id : 70959714284 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The tools of lean such as SMED, 5S and TPM primarily focus on reducing overall

- A. Cost
- B. Throughput Time
- C. Quality
- D. Employee involvement

Question Number : 85 Question Id : 70959714285 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

What aspects of operations are identified when a order fulfilment planning process does capacity planning

- A. How much order has been booked?
- B. Total throughput that a company can make?
- C. The bottleneck or constraint.
- D. Inventory Levels of company

Question Number : 86 Question Id : 70959714286 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which set of below mentioned measurements are best suited for measuring operational performance?

- A. Throughput (T) and Inventory (I)
- B. ROI (Return on investment) and OE (operating expense)
- C. OTIF (On time in full) and T (Throughput)
- D. OTIF (On time in full) and T/OE (Productivity)

Question Number : 87 Question Id : 70959714287 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

What describes best the improvement of supply chain?

- A. Unit cost of manufacturing going down
- B. On time performance of all suppliers improving
- C. Flow of material throughout the supply chain increasing
- D. Total revenue of the supply chain increasing

Question Number : 88 Question Id : 70959714288 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

When the production planner starts to make a feasible schedule which question if best answered will make the correct schedule

- A. What material is required for my schedule?
- B. What can I make with the available material I have?
- C. Start with the earliest due date first
- D. Start with the largest batch first to get high efficiency

Question Number : 89 Question Id : 70959714289 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

What is the best way to reduce overall cost of supply chain and also improve efficiency?

- A. Increase the frequency of delivery and reduce batch size
- B. Oder based on EOQ and use fixed time replenishment
- C. Buy at low unit price and have automated material storage & handling
- D. Use of min-max levels of inventory for replenishment

Question Number : 90 Question Id : 70959714290 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

In a throughput world if a product RM cost is Rs. 50 and first step processing cost is Rs. 15 is to be replaced with an outsourced part at price of Rs. 55 only. What is the main criteria for selecting or rejecting this offer?

- A. Total cost of final manufacturing of the part
- B. Comparison of savings on bought out part till the first step
- C. Final throughput increase or decrease
- D. Increase or decrease in final operating expense

Question Number : 91 Question Id : 70959714291 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which is a better supply chain

- A. one which keeps the unit cost low
- B. one which constantly reduces the movement of its products & parts
- C. One in which inventory is always there to avoid stock out
- D. One in which every supplier is linked using Software for good information flow

Question Number : 92 Question Id : 70959714292 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

What is the best tool for synchronising production operation?

- A. Use capacity planning as first step
- B. Use Finite capacity planning to promise delivery dates
- C. Use of Advanced Production Scheduling (APS)
- D. Use RFID based systems for gathering info on inventory location & quantity

Question Number : 93 Question Id : 70959714293 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which is the most effective approach to effective & feasible production schedule for a manufacturing unit

- A. Use the earliest due date first approach
- B. Highest value order first
- C. Use constraints based scheduling
- D. EOQ based batch size scheduling

Question Number : 94 Question Id : 70959714294 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which of the flowing measurements is in correct sequence

- A. a. Increase Throughput b. reducing Inventory c. Reduce Expenses
- B. a. Decrease Expenses b. Increase throughput c. reduce inventory
- C. a. Reduce Inventory b. Reduce Expenses c. Increase Throughput
- D. a. Increase Throughput b. reduce expenses c. reduce inventory

Question Number : 95 Question Id : 70959714295 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The biggest hindrance to implementing flow based systems is

- A. Local Efficiency measurements
- B. Cost accounting
- C. Large Batch size manufacturing to reduce cost
- D. Frequent breakdowns

Question Number : 96 Question Id : 70959714296 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Why do we structure the supply chain into tiers?

- A. To reduce MUDA in supply chain
- B. To be able to reduce risk in supply chain
- C. To share high technology resources
- D. To reduce management burden

Question Number : 97 Question Id : 70959714297 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

When purchase department buys large volumes to reduce average unit cost. Which part of operation does this impact?

- A. It reduces the cost of product
- B. It reduces the flow and hence the ROI
- C. It meets its target of cost reduction
- D. It helps focus on items that can stock out

Question Number : 98 Question Id : 70959714298 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

What can be the biggest short coming of using MRP to order material?

- A. It can take too much time for calculation
- B. It can inflate the inventory
- C. It may not be able to create a feasible alternate to current constraints
- D. There is nothing limiting in the use of MRP.

Question Number : 99 Question Id : 70959714299 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

When we design a manufacturing system, what is of prime concern?

- a) Ability to put a good marketing strategy
- b) Develop manufacturing capability for best quality
- c) Capability to deliver cost & Delivery
- d) Capability to manage supply chain

Question Number : 100 Question Id : 70959714300 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The sign that Toyota Production System is rooted in principles of flow is exhibited by

- a) When wastes are defined as Muri-Mura-Muda
- b) The focus is on Just-in-time
- c) They carry less inventory
- d) Tools like SMED and 5S reduce change over time