

# National Testing Agency

**Question Paper Name:** Manufacturing Competitiveness  
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## Manufacturing Competitiveness

**Group Number :** 1  
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## Manufacturing Competitiveness

**Section Id :** 416529105  
**Section Number :** 1  
**Section type :** Online  
**Mandatory or Optional:** Mandatory  
**Number of Questions:** 75  
**Number of Questions to be attempted:** 75  
**Section Marks:** 150  
**Display Number Panel:** Yes  
**Group All Questions:** No

**Sub-Section Number:** 1  
**Sub-Section Id:** 416529114  
**Question Shuffling Allowed :** Yes

**Question Number : 1 Question Id : 4165298306 Question Type : MCQ Option Shuffling : No Display Question Number : Yes**  
**Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 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 : 2 Question Id : 4165298307 Question Type : MCQ Option Shuffling : No Display Question Number : Yes**  
**Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 Wrong Marks : 0**

To have a better ability to manage organisation one must consider

- a) Each department as cost center focus on each link
- b) Follow a systems approach
- c) Use Pareto principle of 80:20 to reduce cost of improvements
- d) Break down the organisation into manageable parts and assign a matrix to measure them

**Question Number : 3 Question Id : 4165298308 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 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

**Question Number : 4 Question Id : 4165298309 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 Wrong Marks : 0**

Why is over production the biggest waste?

- a) It has big impact on other wastes as well
- b) it increases inventory carrying cost
- c) it causes stock outs of common parts
- d) None of the above

**Question Number : 5 Question Id : 4165298310 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 Wrong Marks : 0**

Besides being a tool to reduce one of the seven wastes of Lean , Kanban system is also a

- a) An visual Control tool
- b) Inventory management tool
- c) Focusing & inventory reduction tool
- d) only a communication tool

**Question Number : 6 Question Id : 4165298311 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 Wrong Marks : 0**

Implementing a Kanban System is slow & risky

- a) Because it causes too much confusion
- b) Because we move from Push to Pull system, so everything changes
- c) It is become more sensitive to disrutpion as we move closer to target inventory Levels
- d) Because everyone in the company has to be well trained on the system

**Question Number : 7 Question Id : 4165298312 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 Wrong Marks : 0**

Why is Drum-Buffer-Rope tool of TOC universally applicable

- a) Because it uses software to control over production
- b) Because it uses dynamic inventory management to control over production
- c) Because it uses time to limit over production and can work even in very unstable environments
- d) Simple to use and hence small to large organisations can use without much effort

**Question Number : 8 Question Id : 4165298313 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 Wrong Marks : 0**

How does Drum-Buffer-Rope help in unmasking hidden capacities in manufacturing organisations?

- a) It makes sure that no resource is over loaded hence due date is good
- b) It focuses on the constraint and subordinates everything to this constraint by avoiding buildup of unneeded inventory elsewhere
- c) It is a finite capacity planning tool which can simulate Delivery dates by optimising loading hence unmasking capacity
- d) It develops a final schedule based on the MRP calculations and hence the plan feasibility is high giving good OTIF

**Question Number : 9 Question Id : 4165298314 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 Wrong Marks : 0**

The three main categories of waste in Toyota Production System are Muda, Muri and Mura. How are they related?

- a) Muda leads to Mura which leads to Muri
- b) Only Mura and Muri are related while Muda can be dealt with independently
- c) Muda leads to Muri and Muri leads to Mura
- d) Mura leads to Muri and Muri leads to Muda

**Question Number : 10 Question Id : 4165298315 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 Wrong Marks : 0**

Cost based efficiency measure focus on

- a) Local optima
- b) Global optima
- c) drive efficiencies every where
- d) helping every one drive down cost

**Question Number : 11 Question Id : 4165298316 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 Wrong Marks : 0**

The measures of Throughput, Inventory & Operating Expense drive

- a) Principles of flow behaviour
- b) A behaviour which minimises over production
- c) Behaviour which does not look for cost cutting everywhere
- d) All of the above

**Question Number : 12 Question Id : 4165298317 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 Wrong Marks : 0**

What is the purpose of measurements?

- a) They drive Behaviour
- b) Help in taking corrective measures
- c) Tell the effectiveness of our decisions
- d) All of the above

**Question Number : 13 Question Id : 4165298318 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 Wrong Marks : 0**

Why are the measures Throughput, Inventory & Operating Expenses considered effective

- a) They help us make good & correct operation decisions
- b) Very effective in taking short term decisions
- c) they help in making daily operations decision which will also positively impact Profit & ROI
- d) All of the above

**Question Number : 14 Question Id : 4165298319 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 Wrong Marks : 0**

Which measurement can be classified as a classic efficiency measurement

- a) Batch Size or Economic order Quantity
- b) Value Added per person
- c) Utilization of resources
- d) All of the above

**Question Number : 15 Question Id : 4165298320 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 Wrong Marks : 0**

To increase the performance in the throughput world we focus on

- a) increasing capacity utilisation everywhere
- b) making the constraint work to produce the maximum throughput
- c) Negotiate better unit rate of purchase by taking volume discounts
- d) None of the above

**Question Number : 16 Question Id : 4165298321 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 Wrong Marks : 0**

In a throughput world, an hour saved on non-constraint is

- a) does not impact throughput
- b) An hour saved for the system
- c) increased productivity
- d) Decreases inventory

**Question Number : 17 Question Id : 4165298322 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 Wrong Marks : 0**

When a non-constraint has periods of inactivity but is ready to produce as material arrives. This is a sign of

- a) Poor planning that is impacting efficiency of the resource
- b) Good subordination to constraints
- c) poor batch size decisions
- d) None of the above

**Question Number : 18 Question Id : 4165298323 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 Wrong Marks : 0**

What decision can go wrong if a company doesn't know it's correct constraint

- a) May make wrong product mix decisions
- b) Can start competing on cost
- c) Outsourcing decisions
- d) All of the above

**Question Number : 19 Question Id : 4165298324 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 Wrong Marks : 0**

When a company is not aware of its constraint

- a) The profits will start falling
- b) The profits will fluctuate
- c) It will take big improvement initiatives everywhere
- d) Its profit will increase but ROI will go down

**Question Number : 20 Question Id : 4165298325 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 Wrong Marks : 0**

To protect the throughput at the constraint we buffer it against the effects of Murphy. The Buffer is called

- a) Inventory Buffer
- b) Time Buffer
- c) Safety Buffer
- d) Delivery Buffer

**Question Number : 21 Question Id : 4165298326 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 Wrong Marks : 0**

Why does a constraint based approach improve the productivity of any organisation and get good results ?

- a) Company focuses its resources only on few variables that impact throughput
- b) Since small improvement in constraint performance will translate into good company performance
- c) Investments at the constraint get a good ROI hence easy to make
- d) All of the above

**Question Number : 22 Question Id : 4165298327 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 Wrong Marks : 0**

Why is a capacity planning tool and material requirement planning helpful?

- a) They together help in booking an order by giving out a good estimate of Promised delivery date
- b) Capacity planning does not over load a resource and MRP helps avoid stock out
- c) MRP helps in vendor management but capacity planning helps in investment
- d) None of the above

**Question Number : 23 Question Id : 4165298328 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 Wrong Marks : 0**

What are the two most important aspects in production Scheduling?

- a) Sequencing the Order and Batch Size of production
- b) Capacity planning and vendor management
- c) Low setup times and no machine breakdowns
- d) Machine Utilisation and Due Dates

**Question Number : 24 Question Id : 4165298329 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 Wrong Marks : 0**

What is the measure of a good schedule?

- a) High OTIF and stability of schedule
- b) High OTIF and good overall machine utilisation
- c) Quickly change to accommodate urgent orders
- d) optimal batch size of production on most of the machines is achieved

**Question Number : 25 Question Id : 4165298330 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 Wrong Marks : 0**

A company when quoting the Lead time to supply should

- a) Quote the same time to all its customers to avoid confusion & special favours
- b) Should calculate the lead time which would depend on the schedule
- c) Promise the leadtime that a customer needs to secure an order
- d) None of the above

**Question Number : 26 Question Id : 4165298331 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 Wrong Marks : 0**

Along with Quality, Cost and Delivery what other aspect drives up the entry barrier of a supplier

- a) Relationship
- b) Integrated IT systems of supplier
- c) Proximity of the supplier to Customer
- d) Reliability

**Question Number : 27 Question Id : 4165298332 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 Wrong Marks : 0**

The performance of a supply chain keeps improving as it

- a) Increases the frequency of delivery
- b) As it starts moving the production to low cost areas
- c) Reduces the number of suppliers
- d) As the volume of output grows

**Question Number : 28 Question Id : 4165298333 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 Wrong Marks : 0**

In a good supply chain

- a) Suppliers increase their profits by improving process
- b) Suppliers increase their profits by increasing volumes
- c) Suppliers increase their profits by asking better rates from customers
- d) Supplier increase their profits by utilising their equipments better

**Question Number : 29 Question Id : 4165298334 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 Wrong Marks : 0**

While making a offer it is important to know

- a) how the industry practises impact the customer
- b) Can some else also offer the same
- c) that you are actually selling the impact of your operations improvement on customers pain
- d) All of the above

**Question Number : 30 Question Id : 4165298335 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 Wrong Marks : 0**

Outsourcing will always positively impact throughput , if

- a) by outsourcing the load on the constraint reduces
- b) the total throughput time of the supply chain reduces
- c) Return on Investrnent in a unique techonology increases
- d) All of the above

**Question Number : 31 Question Id : 4165298336 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 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 : 32 Question Id : 4165298337 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 Wrong Marks : 0**

Kaizen Means

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

**Question Number : 33 Question Id : 4165298338 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 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 : 34 Question Id : 4165298339 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 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 : 35 Question Id : 4165298340 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 Wrong Marks : 0**

Inventories used for decoupling down stream 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 : 36 Question Id : 4165298341 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 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 : 37 Question Id : 4165298342 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 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 : 38 Question Id : 4165298343 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 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 : 39 Question Id : 4165298344 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 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 : 40 Question Id : 4165298345 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 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 : 41 Question Id : 4165298346 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 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 : 42 Question Id : 4165298347 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 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 : 43 Question Id : 4165298348 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 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 : 44 Question Id : 4165298349 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 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 : 45 Question Id : 4165298350 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 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 : 46 Question Id : 4165298351 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 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 : 47 Question Id : 4165298352 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 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 : 48 Question Id : 4165298353 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 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 : 49 Question Id : 4165298354 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 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 : 50 Question Id : 4165298355 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 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 : 51 Question Id : 4165298356 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 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 : 52 Question Id : 4165298357 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 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 : 53 Question Id : 4165298358 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 Wrong Marks : 0**

Efficiency measurements are based on

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

**Question Number : 54 Question Id : 4165298359 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 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 : 55 Question Id : 4165298360 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 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 : 56 Question Id : 4165298361 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 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 : 57 Question Id : 4165298362 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 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 : 58 Question Id : 4165298363 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 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 : 59 Question Id : 4165298364 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 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 : 60 Question Id : 4165298365 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 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 one's 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 : 61 Question Id : 4165298366 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 Wrong Marks : 0**

Why is constraint 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 : 62 Question Id : 4165298367 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 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 : 63 Question Id : 4165298368 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 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 : 64 Question Id : 4165298369 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 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 : 65 Question Id : 4165298370 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 Wrong Marks : 0**

What type of constraint is most commonly seen in organisations

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

**Question Number : 66 Question Id : 4165298371 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 Wrong Marks : 0**

What limits the ability of a company to make money

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

**Question Number : 67 Question Id : 4165298372 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 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 : 68 Question Id : 4165298373 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 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 : 69 Question Id : 4165298374 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 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 : 70 Question Id : 4165298375 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 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 : 71 Question Id : 4165298376 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 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 : 72 Question Id : 4165298377 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 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 : 73 Question Id : 4165298378 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 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 : 74 Question Id : 4165298379 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 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 : 75 Question Id : 4165298380 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 2 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