

National Testing Agency

Question Paper Name :	Manufacturing Competitiveness 30 Sep 2020 Shift 1
Subject Name :	Manufacturing Competitiveness
Creation Date :	2020-09-30 13:30:28
Duration :	180
Number of Questions :	100
Total Marks :	100
Display Marks:	Yes

Manufacturing Competitiveness

Group Number :	1
Group Id :	89951477
Group Maximum Duration :	0
Group Minimum Duration :	120
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	100
Is this Group for Examiner? :	No

Manufacturing Competitiveness

Section Id :	89951493
Section Number :	1
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	100
Number of Questions to be attempted :	100

Section Marks :	100
Mark As Answered Required? :	Yes
Sub-Section Number :	1
Sub-Section Id :	899514115
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 8995146707 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

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

1. It can take too much time for calculation
2. It can inflate the inventory
3. It may not be able to create a feasible alternate to current constraints
4. There is nothing limiting in the use of MRP.

Options :

- 89951426458. 1
- 89951426459. 2
- 89951426460. 3
- 89951426461. 4

Question Number : 2 Question Id : 8995146708 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

Which is a better supply chain?

1. One which keeps the unit cost low
2. One which constantly reduces the movement of its products & parts
3. One in which inventory is always there to avoid stock out
4. One in which every supplier is linked using Software for good information flow

Options :

- 89951426462. 1
- 89951426463. 2
- 89951426464. 3
- 89951426465. 4

Question Number : 3 Question Id : 8995146709 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

What is the best tool for synchronizing production operation?

1. Use capacity planning as first step
2. Use Finite capacity planning to promise delivery dates
3. Use of Advanced Production Scheduling (APS)
4. Use RFID based systems for gathering info on inventory location & quantity

Options :

89951426466. 1
89951426467. 2
89951426468. 3
89951426469. 4

Question Number : 4 Question Id : 8995146710 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

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

1. Use the earliest due date first approach
2. Highest value order first
3. Use constraints-based scheduling
4. EOQ based batch size scheduling

Options :

89951426470. 1
89951426471. 2
89951426472. 3
89951426473. 4

Question Number : 5 Question Id : 8995146711 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

Which of the following measurements is in correct sequence?

1. a. Increase Throughput b. Reducing Inventory c. Reduce Expenses
2. a. Decrease Expenses b. Increase throughput c. Reduce inventory
3. a. Reduce Inventory b. Reduce Expenses c. Increase Throughput
4. a. Increase Throughput b. Reduce expenses c. Reduce inventory

Options :

89951426474. 1

89951426475. 2

89951426476. 3

89951426477. 4

Question Number : 6 Question Id : 8995146712 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The biggest hindrance to implementing flow-based systems is-

1. Local Efficiency measurements
2. Cost accounting
3. Large Batch size manufacturing to reduce cost
4. Frequent breakdowns

Options :

89951426478. 1

89951426479. 2

89951426480. 3

89951426481. 4

Question Number : 7 Question Id : 8995146713 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Why do we structure the supply chain into tiers?

1. To reduce MUDA in supply chain
2. To be able to reduce risk in supply chain
3. To share high technology resources
4. To reduce management burden

Options :

89951426482. 1

89951426483. 2

89951426484. 3

89951426485. 4

Question Number : 8 Question Id : 8995146714 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

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

1. It reduces the cost of product
2. It reduces the flow and hence the ROI
3. It meets its target of cost reduction
4. It helps focus on items that can stock out

Options :

89951426486. 1

89951426487. 2

89951426488. 3

89951426489. 4

Question Number : 9 Question Id : 8995146715 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

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

- 1.\$5,000
- 2.\$14,000
- 3.\$4,000
- 4.\$9,000

Options :

89951426490. 1

89951426491. 2

89951426492. 3

89951426493. 4

Question Number : 10 Question Id : 8995146716 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

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

1. manufacturing lead time
2. manufacturing cycle efficiency
3. customer response time
4. system process time

Options :

89951426494. 1

89951426495. 2

89951426496. 3

89951426497. 4

Question Number : 11 Question Id : 8995146717 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

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

1. Relevant costing diagram
2. Cause and effect diagram
3. Control chart
4. Pareto chart

Options :

89951426498. 1

89951426499. 2

89951426500. 3

89951426501. 4

Question Number : 12 Question Id : 8995146718 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

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

1. Cost
2. Throughput Time
3. Quality
4. Employee involvement

Options :

- 89951426502. 1
- 89951426503. 2
- 89951426504. 3
- 89951426505. 4

Question Number : 13 Question Id : 8995146719 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

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

1. How much order has been booked?
2. Total throughput that a company can make?
3. The bottleneck or constraint.
4. Inventory Levels of company

Options :

- 89951426506. 1
- 89951426507. 2
- 89951426508. 3
- 89951426509. 4

Question Number : 14 Question Id : 8995146720 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

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

1. Throughput (T) and Inventory (I)
2. ROI (Return on investment) and OE (operating expense)
3. OTIF (On time in full) and T (Throughput)
4. OTIF (On time in full) and T/OE (Productivity)

Options :

89951426510. 1
89951426511. 2
89951426512. 3
89951426513. 4

**Question Number : 15 Question Id : 8995146721 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0**

What describes best the improvement of supply chain?

1. Unit cost of manufacturing going down
2. On time performance of all suppliers improving
3. Flow of material throughout the supply chain increasing
4. Total revenue of the supply chain increasing

Options :

89951426514. 1
89951426515. 2
89951426516. 3
89951426517. 4

**Question Number : 16 Question Id : 8995146722 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
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?

1. What material is required for my schedule?
2. What can I make with the available material I have?
3. Start with the earliest due date first
4. Start with the largest batch first to get high efficiency

Options :

89951426518. 1
89951426519. 2
89951426520. 3
89951426521. 4

Question Number : 17 Question Id : 8995146723 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

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

1. Increase the frequency of delivery and reduce batch size
2. Order based on EOQ and use fixed time replenishment
3. Buy at low unit price and have automated material storage & handling
4. Use of min-max levels of inventory for replenishment

Options :

89951426522. 1

89951426523. 2

89951426524. 3

89951426525. 4

Question Number : 18 Question Id : 8995146724 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

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?

1. Total cost of final manufacturing of the part
2. Comparison of savings on bought out part till the first step
3. Final throughput increase or decrease
4. Increase or decrease in final operating expense

Options :

89951426526. 1

89951426527. 2

89951426528. 3

89951426529. 4

Question Number : 19 Question Id : 8995146725 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

What is good condition for outsourcing?

1. Cheaper unit cost
2. Large volume product
3. Unique investment in technology
4. Good quality

Options :

- 89951426530. 1
- 89951426531. 2
- 89951426532. 3
- 89951426533. 4

Question Number : 20 Question Id : 8995146726 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

While making an irrefusable offer one should-

1. The focus should be make sure you make the cheapest offer
2. Aim to significantly reduce one pain like no other can
3. Agree to price the customer wants
4. One has to be systematic

Options :

- 89951426534. 1
- 89951426535. 2
- 89951426536. 3
- 89951426537. 4

Question Number : 21 Question Id : 8995146727 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Order qualifying criteria can be quality and cos but what should be considered for order winning criteria in a supply chain?

1. Delivery & Engineering
2. Future investments capability
3. Current size of operations
4. Structure of the offer

Options :

- 89951426538. 1
- 89951426539. 2
- 89951426540. 3
- 89951426541. 4

Question Number : 22 Question Id : 8995146728 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

While taking a decision to outsource, what should the focus be on?

1. Decreasing the cost of purchase
2. Increasing the throughput
3. Increasing the quality
4. Reducing the overhead cost

Options :

- 89951426542. 1
- 89951426543. 2
- 89951426544. 3
- 89951426545. 4

Question Number : 23 Question Id : 8995146729 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

What is the decision-making unit of a supply chain sourcing action consists of at the least?

1. One person each from Marketing, Purchase, Quality and Production
2. One person each from R & D, Purchase, Quality and Production
3. One person each from Finance, Purchase, Quality and Production
4. One person each from Marketing, Purchase, Quality and Stores

Options :

- 89951426546. 1

89951426547. 2

89951426548. 3

89951426549. 4

Question Number : 24 Question Id : 8995146730 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

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

1. Self-preservation
2. Analysis
3. Logic
4. Control

Options :

89951426550. 1

89951426551. 2

89951426552. 3

89951426553. 4

Question Number : 25 Question Id : 8995146731 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

What is important while making an offer?

1. That we explain in detail who we are
2. That we follow a sequence of steps and never jump to next step without agreeing on the completion of the previous step
3. Answer the questions that asked and not follow our own steps
4. That we make good presentation

Options :

89951426554. 1

89951426555. 2

89951426556. 3

89951426557. 4

Question Number : 26 Question Id : 8995146732 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

While outsourcing why do we keep multiple sources of supply?

1. That we can negotiate on price
2. To reduce risk of disruption in supply
3. To ensure the total quantity required can be supplied
4. To Increase competition between suppliers

Options :

89951426558. 1

89951426559. 2

89951426560. 3

89951426561. 4

Question Number : 27 Question Id : 8995146733 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

What do we get if the Cost of Direct materials of sold goods are subtracted from revenues?

1. throughput contribution
2. operating cost contribution
3. operating contribution
4. marginal contribution

Options :

89951426562. 1

89951426563. 2

89951426564. 3

89951426565. 4

Question Number : 28 Question Id : 8995146734 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

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

1. throughput costs
2. investments
3. operating costs
4. marginal costs

Options :

89951426566. 1

89951426567. 2

89951426568. 3

89951426569. 4

Question Number : 29 Question Id : 8995146735 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

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

1. Drum-buffer-rope
2. Manufacturing execution system (MES)
3. Just-in-time
4. Advanced Production Scheduling (APS)

Options :

89951426570. 1

89951426571. 2

89951426572. 3

89951426573. 4

Question Number : 30 Question Id : 8995146736 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

In Drum- Buffer- Rope planning buffer is in which of the following?

1. Units lying before constraint
2. Fixed quantity before constraints
3. Total load in hours before the Constraint
4. Safety Stock so constraint never runs out of material

Options :

89951426574. 1

89951426575. 2

89951426576. 3

89951426577. 4

Question Number : 31 Question Id : 8995146737 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Supply Chain can also be explained as a collection of which of the following?

1. Activities distributed in many stages
2. Companies doing many activities to sell a product
3. Specialist doing work that they can do so that the product gets produced at the cheapest cost
4. Contracts between companies to manufacture and supply to each other

Options :

89951426578. 1

89951426579. 2

89951426580. 3

89951426581. 4

Question Number : 32 Question Id : 8995146738 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

What changes the nature of supply chain?

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

Options :

89951426582. 1

89951426583. 2

89951426584. 3

89951426585. 4

Question Number : 33 Question Id : 8995146739 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

What is the purpose of creating a supply chain?

1. Distribute the investment over the value addition chain to get the best ROI
2. Reduce the cost of product
3. To create value
4. One cannot do all the work by themselves

Options :

89951426586. 1

89951426587. 2

89951426588. 3

89951426589. 4

Question Number : 34 Question Id : 8995146740 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

What is the basis of tiering of the automobile supply chain?

1. Reduce overhead of larger companies
2. To reduce the Wastes as identified in lean
3. To get the best technology to produce the product
4. Intellectual property restrictions

Options :

89951426590. 1

89951426591. 2

89951426592. 3

89951426593. 4

Question Number : 35 Question Id : 8995146741 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

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

1. Storage & Transportation
2. Financing & Retailing
3. Storage & Retailing
4. Advertising & Retailing

Options :

89951426594. 1

89951426595. 2

89951426596. 3

89951426597. 4

Question Number : 36 Question Id : 8995146742 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

What matters when you are trying to enter a supply chain?

1. Being a low unit cost producer will be enough
2. Aim to reduce the risk of supply in the chain
3. Need to be good in product improvements to be considered
4. Only size matters

Options :

- 89951426598. 1
- 89951426599. 2
- 89951426600. 3
- 89951426601. 4

Question Number : 37 Question Id : 8995146743 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which is the activity in the supply chain got most impacted by the internet?

1. Design & marketing
2. Retailing & Advertising
3. Transportation & Financing
4. Sorting & Marketing

Options :

- 89951426602. 1
- 89951426603. 2
- 89951426604. 3
- 89951426605. 4

Question Number : 38 Question Id : 8995146744 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which is the best way of reducing one's risk in a supply chain?

1. Keep improving the profits
2. Keep on increasing the value addition in the total product
3. Be responsive to customer deliveries & quality
4. Provide a stable manufacturing and supply over a long period of time.

Options :

- 89951426606. 1

89951426607. 2

89951426608. 3

89951426609. 4

Question Number : 39 Question Id : 8995146745 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

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

1. It is natural for constraint to appear anywhere in a system over time
2. We haven't managed to subordinate all activities to constraint
3. There can be many constraints in a system simultaneously
4. The system is under stress

Options :

89951426610. 1

89951426611. 2

89951426612. 3

89951426613. 4

Question Number : 40 Question Id : 8995146746 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

What is the most important use of a constraint

1. The company is synchronised to run at the speed of the constraint
2. Helps in focusing
3. It tells you that any improvement on the constraint is an improvement for the whole system
4. All of the above

Options :

89951426614. 1

89951426615. 2

89951426616. 3

89951426617. 4

Question Number : 41 Question Id : 8995146747 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Why should we focus and deploy enough resources to max throughput at the constraint?

1. High utilization is preferred
2. Because we can do a lot of optimizing work every hour at the constraint
3. An hour lost at the constraint is an hour lost for the system
4. We don't have to allow any variation to impact the running of the constraint

Options :

89951426618. 1

89951426619. 2

89951426620. 3

89951426621. 4

Question Number : 42 Question Id : 8995146748 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

What type of constraint is most commonly seen in organizations?

1. Physical
2. Market
3. Policy
4. Supply

Options :

89951426622. 1

89951426623. 2

89951426624. 3

89951426625. 4

Question Number : 43 Question Id : 8995146749 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

What limits the ability of a company to make money?

1. Demand
2. Margins
3. Constraint
4. Competition

Options :

89951426626. 1

89951426627. 2

89951426628. 3

89951426629. 4

Question Number : 44 Question Id : 8995146750 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

What are the building blocks of any tools in a manufacturing organization?

1. BOM, Routing and item Master
2. Customer Data, Supplier Data and financial data
3. Machine list, Supplier List and Material list
4. Material data, Machine Data and Employee Skill Data

Options :

89951426630. 1

89951426631. 2

89951426632. 3

89951426633. 4

Question Number : 45 Question Id : 8995146751 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

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?

1. Single Level material BOM for Purchase
2. Multilevel BOM for Manufacturing
3. Having a reorder point will be enough. We don't need BOM
4. Based on the date of supply the supplier deliver

Options :

89951426634. 1

89951426635. 2

89951426636. 3

89951426637. 4

Question Number : 46 Question Id : 8995146752 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

What is rough cut capacity planning is used to check?

1. How much load is already booked and then promise a delivery date
2. To see the order booking in weekly buckets
3. We see if the total number of units booked are how much
4. To see how much of my plant capacity was utilized

Options :

89951426638. 1

89951426639. 2

89951426640. 3

89951426641. 4

Question Number : 47 Question Id : 8995146753 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

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

1. Enterprise Resource Planning Software (ERP)
2. Material Requirement Planning (MRP)
3. Finite Capacity Scheduling (FCS)
4. Advanced Production Scheduling (APS)

Options :

89951426642. 1

89951426643. 2

89951426644. 3

89951426645. 4

Question Number : 48 Question Id : 8995146754 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

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

1. We first schedule each and every machine in operation sequence then plan for material
2. We use high end MRP
3. Assume a fix throughput time and offset the time from the date of delivery
4. First calculate the weekly consumption and divide it into average daily delivery

Options :

89951426646. 1

89951426647. 2

89951426648. 3

89951426649. 4

Question Number : 49 Question Id : 8995146755 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

What are the high-level measures of company performance?

1. Gross Profit, Operating Profit, and Net Profit
2. Profit, ROI and Cash Flow
3. Net Profit, Return on Assets, EBITA
4. Profit, Share Value and Cash in Hand

Options :

89951426650. 1

89951426651. 2

89951426652. 3

89951426653. 4

Question Number : 50 Question Id : 8995146756 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

What are the efficiency measurements based on?

1. Cost focus
2. Throughput focus
3. Survival focus
4. Stability focus

Options :

89951426654. 1

89951426655. 2

89951426656. 3

89951426657. 4

Question Number : 51 Question Id : 8995146757 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

In the cost world the biggest assumption is?

1. Overall improvement is the sum of improvements every where
2. Focus on only key areas
3. Separate the important from non-important
4. Cost calculations should be accurate

Options :

89951426658. 1

89951426659. 2

89951426660. 3

89951426661. 4

Question Number : 52 Question Id : 8995146758 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

How can the throughput world output of the system be improved?

1. Making improvements everywhere
2. By improving the performance of the weakest link
3. By improving the utilization of all resources
4. Producing in larger batches

Options :

89951426662. 1

89951426663. 2

89951426664. 3

89951426665. 4

Question Number : 53 Question Id : 8995146759 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

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

1. Production
2. Sales
3. Order Booking
4. Producing Profitable products

Options :

89951426666. 1

89951426667. 2

89951426668. 3

89951426669. 4

Question Number : 54 Question Id : 8995146760 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No 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

1. Operating Ratios
2. Productivity & ROI
3. Efficiency & Inventory Turns
4. Efficiency Ratios

Options :

89951426670. 1

89951426671. 2

89951426672. 3

89951426673. 4

Question Number : 55 Question Id : 8995146761 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

How does throughput-based decisions help?

1. In taking better operating decisions that impact global measures
2. In reducing the negative impact of cost-based decisions
3. Are simple and understandable at all levels of a company
4. All of the above

Options :

89951426674. 1

89951426675. 2

89951426676. 3

89951426677. 4

Question Number : 56 Question Id : 8995146762 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

When is ability of a company to make money is limited ?

1. Constraint which is active
2. Demand of its product
3. Ability to control cost
4. Customer Satisfaction

Options :

89951426678. 1
89951426679. 2
89951426680. 3
89951426681. 4

Question Number : 57 Question Id : 8995146763 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

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

1. Cost accounting will be most accurate
2. The most profitable products will be the ones with higher margins
3. Understand the role of the constraint in play to find out the profitable products
4. Products that add more to top line are more profitable

Options :

89951426682. 1
89951426683. 2
89951426684. 3
89951426685. 4

Question Number : 58 Question Id : 8995146764 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Why is constraint also called a leverage point?

1. Focusing on it will cause a quantum jump in throughput very quickly
2. Because it helps us manage the whole operation easily
3. We know where we have to be careful
4. We cannot afford to lose efficiency on constraint

Options :

89951426686. 1
89951426687. 2

89951426688. 3

89951426689. 4

Question Number : 59 Question Id : 8995146765 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Manufacturing organization today besides meeting customer expectation also have to?

1. Integrate their IT to the customer's system
2. Respond well to quality issues
3. Grow with their customers
4. Show all their cost structure to their customers.

Options :

89951426690. 1

89951426691. 2

89951426692. 3

89951426693. 4

Question Number : 60 Question Id : 8995146766 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

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

1. Supervisor
2. Space
3. Inventory
4. There was no need to limit over production

Options :

89951426694. 1

89951426695. 2

89951426696. 3

89951426697. 4

Question Number : 61 Question Id : 8995146767 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No 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?

- 1.Kanban
- 2.Heijunka
- 3.Single Minute Exchange of Dies
- 4.Poka Yoke

Options :

- 89951426698. 1
- 89951426699. 2
- 89951426700. 3
- 89951426701. 4

Question Number : 62 Question Id : 8995146768 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

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

1. Both use assembly line
2. Both focus on increasing flow through the system
3. Toyota learned from Ford hence they are similar
4. There is no similarity was for mass production of single model and other for high variety

Options :

- 89951426702. 1
- 89951426703. 2
- 89951426704. 3
- 89951426705. 4

Question Number : 63 Question Id : 8995146769 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

What is the main purpose of operations?

1. To produce at least cost
2. Keep the department efficiencies at a high level
3. To deliver on time and in full
4. To increase the rate of flow of material through the system

Options :

89951426706. 1

89951426707. 2

89951426708. 3

89951426709. 4

Question Number : 64 Question Id : 8995146770 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

When we reduce the changeover time in a lean system, what aspect of business gets impacted the most?

1. We can now manufacture large batches and reduce per unit cost
2. We can improve on time delivery and lessor inventory in the system
3. Cost of change over goes down and output goes up
4. Reduction in changeover time will impact the overall available time for production

Options :

89951426710. 1

89951426711. 2

89951426712. 3

89951426713. 4

Question Number : 65 Question Id : 8995146771 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No 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?

1. Balancing Load
2. Heijunka
3. Kanban
4. Kaizen

Options :

89951426714. 1
89951426715. 2
89951426716. 3
89951426717. 4

Question Number : 66 Question Id : 8995146772 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No 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 do what?

1. Reduce overproduction and limit inventory within the system
2. Standardize the work and reduce labour effort
3. Automate the line so that everyone worked at the same speed
4. It helped in improving plant layout and also in material handling

Options :

89951426718. 1
89951426719. 2
89951426720. 3
89951426721. 4

Question Number : 67 Question Id : 8995146773 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

What should be done to implement better flow systems?

1. We must abolish local efficiency measurements
2. Make sure that utilization of all machines are improved
3. Better and effective efficiency measurements are used everywhere
4. We have to have better cost accounting methods

Options :

89951426722. 1
89951426723. 2
89951426724. 3
89951426725. 4

Question Number : 68 Question Id : 8995146774 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

When is the highest-level financial performance is exhibited?

1. a company makes profit every year
2. a company's profit keeps increasing every year
3. a company's customers are delighted every year
4. a company's profit and return on investment keeps increasing

Options :

89951426726. 1
89951426727. 2
89951426728. 3
89951426729. 4

Question Number : 69 Question Id : 8995146775 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

What is the critical relationship between local and global productivity measures?

1. Optimizing local measures will automatically optimize global measures
2. Local measures are never in conflict with each other
3. Global measures are the sum of local measures
4. Optimizing local measures will not guarantee global optimum

Options :

89951426730. 1
89951426731. 2
89951426732. 3
89951426733. 4

Question Number : 70 Question Id : 8995146776 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

What is an important aspect of making business decisions that affect competitiveness?

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

Options :

- 89951426734. 1
- 89951426735. 2
- 89951426736. 3
- 89951426737. 4

Question Number : 71 Question Id : 8995146777 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

What happens when delivery frequency is increased?

- 1. Service will decline
- 2. Inventory levels increase
- 3. Service will increase
- 4. Inventory levels decrease

Options :

- 89951426738. 1
- 89951426739. 2
- 89951426740. 3
- 89951426741. 4

Question Number : 72 Question Id : 8995146778 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

What is the purpose of modern manufacturing organization?

- 1. To make things cheap
- 2. To produce goods of quality
- 3. To efficiently use the most scarce resource
- 4. To provide employment and create entrepreneurship

Options :

- 89951426742. 1
- 89951426743. 2
- 89951426744. 3
- 89951426745. 4

Question Number : 73 Question Id : 8995146779 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

When we speak about production in economics what are the three factors of production considered?

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

Options :

89951426746. 1
89951426747. 2
89951426748. 3
89951426749. 4

Question Number : 74 Question Id : 8995146780 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

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

1. Inter-changeable
2. Optimizable
3. Scars
4. Sufficient Condition

Options :

89951426750. 1
89951426751. 2
89951426752. 3
89951426753. 4

Question Number : 75 Question Id : 8995146781 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Why is modern manufacturing organization is in business?

1. There is a demand for its product
2. It has capacity to manufacture a product
3. All the machines are depreciated and hence cost of manufacturing very low
4. The quality is consistent and good

Options :

89951426754. 1

89951426755. 2

89951426756. 3

89951426757. 4

Question Number : 76 Question Id : 8995146782 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

What else modern manufacturing organizations does besides having to produce items of good quality at low cost?

1. Provide solutions to reduce their customer's effort of doing business
2. Design & Develop their own products
3. Remain profitable
4. Deliver goods on time

Options :

89951426758. 1

89951426759. 2

89951426760. 3

89951426761. 4

Question Number : 77 Question Id : 8995146783 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

What is the apparent rule of flow of manufacturing work?

1. It flows from areas of high cost to areas of lower cost
2. It flows to areas nearest to the demand
3. Optimized location study models based on response decide the location
4. It flows to a location where government gives benefits

Options :

89951426762. 1

89951426763. 2

89951426764. 3

89951426765. 4

Question Number : 78 Question Id : 8995146784 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

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

1. Improving & developing new products
2. Consistently meeting customer expectations
3. Removing a significant pain of a customer
4. Deliver goods on time in full

Options :

89951426766. 1

89951426767. 2

89951426768. 3

89951426769. 4

Question Number : 79 Question Id : 8995146785 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

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

1. Material requirements planning
2. A typical reorder point system
3. A periodic review system
4. The economic order quantity model

Options :

89951426770. 1

89951426771. 2

89951426772. 3

89951426773. 4

Question Number : 80 Question Id : 8995146786 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

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

1. Increasing the value as perceived by the customer
2. Reducing the level of assets
3. Lengthening the cash-to-cash cycle
4. Eliminating defects

Options :

89951426774. 1

89951426775. 2

89951426776. 3

89951426777. 4

Question Number : 81 Question Id : 8995146787 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

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

1. Forward scheduling
2. Critical ratio scheduling
3. Backward scheduling
4. The early start computation

Options :

89951426778. 1

89951426779. 2

89951426780. 3

89951426781. 4

Question Number : 82 Question Id : 8995146788 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

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

1. Decrease inventory levels
2. Extend payment options
3. Increase ROA
4. Reduce receivables

Options :

89951426782. 1

89951426783. 2

89951426784. 3

89951426785. 4

Question Number : 83 Question Id : 8995146789 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

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

1. Improved communication brought about by better technology
2. Recognition that customer decision dictate costs for suppliers
3. Increased competition
4. Cost cutting efforts by dominant companies in supply chains

Options :

89951426786. 1

89951426787. 2

89951426788. 3

89951426789. 4

Question Number : 84 Question Id : 8995146790 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

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

1. Strategic partnering
2. Mutual pricing strategies
3. Cooperative product design
4. Distribution network configuration

Options :

89951426790. 1

89951426791. 2

89951426792. 3

89951426793. 4

Question Number : 85 Question Id : 8995146791 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Reducing inventory can be accomplished by:

1. Better forecasting
2. Producing precisely at the rate of demand
3. Eliminating queues of customers
4. Eliminating nonvalue-adding processes

Options :

89951426794. 1

89951426795. 2

89951426796. 3

89951426797. 4

Question Number : 86 Question Id : 8995146792 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Reducing production batch size is made more economical by:

1. Eliminating balance delay
2. Maximizing cycle time
3. Eliminating Kanban buffers
4. Reducing changeover time

Options :

89951426798. 1

89951426799. 2

89951426800. 3

89951426801. 4

Question Number : 87 Question Id : 8995146793 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

In capacity requirements planning:

1. Capacity lost to breakdowns is anticipated.
2. Capacity excess is used to build up inventory.
3. Capacity shortages are used to justify late orders.
4. Required capacity is compared to available capacity.

Options :

89951426802. 1

89951426803. 2

89951426804. 3

89951426805. 4

Question Number : 88 Question Id : 8995146794 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The utilization of a no constraint is determined by:

1. Its own capabilities
2. The system's constraint
3. The capabilities of all worst no constraints
4. The average output rate of the no constraints

Options :

89951426806. 1

89951426807. 2

89951426808. 3

89951426809. 4

Question Number : 89 Question Id : 8995146795 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Amongst the 7 Waste of lean which is the most harmful?

1. Defects
2. Inventory
3. Overproduction
4. Downtime

Options :

89951426810. 1

89951426811. 2

89951426812. 3

89951426813. 4

Question Number : 90 Question Id : 8995146796 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

What is the aim of lean manufacturing?

1. Cost Reduction
2. Zero Defects
3. Just in Time
4. Reduce Throughput time

Options :

89951426814. 1
89951426815. 2
89951426816. 3
89951426817. 4

Question Number : 91 Question Id : 8995146797 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

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

1. Cost
2. Inventory
3. Batch Size
4. Manpower

Options :

89951426818. 1
89951426819. 2
89951426820. 3
89951426821. 4

Question Number : 92 Question Id : 8995146798 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Why do we have tolerance limits?

1. Reduce cost of production
2. Ease of production
3. Cannot have Zero Variability
4. None of the above

Options :

89951426822. 1
89951426823. 2

89951426824. 3

89951426825. 4

Question Number : 93 Question Id : 8995146799 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Why should we aim for 6 sigma?

1. Many have it
2. Even a big deviation of mean will still not produce rejects
3. Because the customer wants it
4. Like the name

Options :

89951426826. 1

89951426827. 2

89951426828. 3

89951426829. 4

Question Number : 94 Question Id : 8995146800 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

What does Kaizen Mean?

1. Manual Work improvement
2. Process Improvement
3. Machine Improvement
4. All of these

Options :

89951426830. 1

89951426831. 2

89951426832. 3

89951426833. 4

Question Number : 95 Question Id : 8995146801 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Amongst Quality, Cost Delivery which two create a competitive advantage?

1. Quality & Delivery
2. Cost & Quality
3. Delivery & Cost
4. None

Options :

89951426834. 1
89951426835. 2
89951426836. 3
89951426837. 4

Question Number : 96 Question Id : 8995146802 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which is a better indicator of company performance?

1. Net Profit
2. High Productivity
3. High inventory turn
4. High ROI

Options :

89951426838. 1
89951426839. 2
89951426840. 3
89951426841. 4

Question Number : 97 Question Id : 8995146803 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Inventories used for decoupling downstream operation from upstream operation

1. Makes a business wait longer for products
2. Makes one part of a business less directly dependent on other parts of the business
3. Reduces overall inventory levels
4. Provides JIT deliveries

Options :

89951426842. 1
89951426843. 2

89951426844. 3

89951426845. 4

Question Number : 98 Question Id : 8995146804 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

In material requirements planning logic, the lead time:

1. Is used to calculate net requirements
2. Is used to calculate gross requirements of the end product
3. Is used in backward scheduling to determine when the planned order release should take place
4. Is used to add a safety stock to the net requirements

Options :

89951426846. 1

89951426847. 2

89951426848. 3

89951426849. 4

Question Number : 99 Question Id : 8995146805 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which company defined Six Sigma as a methodology to improve its business processes by minimizing defects, evolved into an organizational approach that achieved breakthroughs and significant bottom-line results?

1. Toyota
2. Motorola
3. Ford
4. None of the above

Options :

89951426850. 1

89951426851. 2

89951426852. 3

89951426853. 4

Question Number : 100 Question Id : 8995146806 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

A manufacturing organization does the following -

- 1.Planning, Synchronizing and Production
- 2.Purchasing and Storing
- 3.Billing and Improving Technology
- 4.All the above

Options :

89951426854. 1

89951426855. 2

89951426856. 3

89951426857. 4