

Quiz (Modules 7 to 12)

Due No due date **Points** 30 **Questions** 15 **Time Limit** 30 Minutes
Allowed Attempts 3

Instructions

This Quiz will assess your conceptual understanding of Modules 7 to 12

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Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	2 minutes	30 out of 30

⚠️ Answers will be shown after your last attempt

Score for this attempt: **30** out of 30

Submitted Oct 17 at 12:09pm

This attempt took 2 minutes.

Question 1

2 / 2 pts

The organization seeks to have a six sigma certification. There are apprehensions in the mind of management staff. Not knowing how do we prepare for it. Some of the remarks were expressing negativity. You need to convince the staff about it. How will you summarize it?



We need to spend a lot of money and the returns will not be that much lucrative



It is a rigorous and difficult exam. It requires disciplined study, experience, and a sound preparation and test-taking strategy



It is only about quality. So the responsibility is with the quality manager.
He should be looking after it



It is mathematical jugglery. Many organizations have failed to achieve it.
So no point in putting effort in it

Question 2**2 / 2 pts**

Rejection rate at parts level, process level is very high in the manufacturing organization. Customer complaints are also rising in numbers. How to tackle this issue is the key question with the organization. How to deal with it?



Company should have a ISO 9000 certificate. So system will take care of rejection



Appropriate training needs to be given to workmen



The overall companywide quality drive needs to implement. Pareto analysis, Ishikawa diagram, SPC tools, check sheet, Poka-yoke tools are to be implemented



The idea of Outsourcing the production will be a better idea

Question 3**2 / 2 pts**

What are the advantages of the Pull type of production?



JIT implementation is very easy

Production department needs to manufacture only what is required? So there is no pressure of target

It reduces the finished good inventory. Which is the costliest inventory of the company. So finished goods inventory less so inventory carrying cost goes down

It makes the job of purchase department very difficult

Question 4

2 / 2 pts

What is the biggest advantage of value stream mapping?

Value Stream Mapping seeks to lessen non-value added activities from the processes and bring the value-added activities into the forefront to more efficiently reach target goals. Often, waste eliminating practices deliver significant cost reductions through low-cost or no-cost improvements

It is useful to reduce the manpower of the organization and cut down the expenses in the form of salary

Your production quantity depends on the consumption pattern of the organization's sales quantity

Resource utilization increases drastically which beneficial to the organization

Question 5**2 / 2 pts**

You want to measure the customer's needs. So which tool is preferred, DMAIC or DMAID

- DMAIC methodology is useful since it reduces the rejection on the shop floor at the time of production
- DMAID is useful since customer's needs are thought of at the design level
- Aggressive marketing and cutting down the price will give customer satisfaction
- Excellent Post sales service will increase customer satisfaction

Question 6**2 / 2 pts**

The sale of a company is not up to the mark. Finished goods inventory is rising. Management is in the process of analyzing the constraints in the business process. Raw material inventory has gone up

- Excess inventory causes blockage of funds resulting in losses
- Forecasting is incorrect so production is delivering more goods
- Raw material procurement is huge to avoid stoppage on the production line



Sales have failed to achieve forecasted sales resulting in piling of the inventory

Question 7**2 / 2 pts**

Company management is of the opinion that it has successfully implemented the concept of lean management. The chairman of the company wants confirmation about it. M.D. is in a fix, how to prove/confirm that



He thinks of assessing the inventory levels and comparing them with the sales and calculating the inventory turnover ratio



He has the option of measuring customer satisfaction levels by conducting the



M.D. thinks about safety parameters & no. of accidents reported. They were zero



M.D. plans to conduct an audit from external auditing agency and get it certified

Question 8**2 / 2 pts**

What are the main objectives of lean management which can be treated as a foundation of it?

Thinking about, Value to the customer, reducing waste, and continuous improvement

Thinking about, More profits, less manpower, and effective utilization of the space

Thinking about, increasing efficiency, factory utilization, and reduction in overtime hours

Thinking about, good maintenance, control absenteeism, discipline on the shop floor

Question 9

2 / 2 pts

To find out a root cause of a problem effective method is :

- Ask "WHY" 5 times you will get the answer
- Pareto analysis is effective in going to the root cause
- Statistical control charts are more effective
- A Scatter diagram will be useful in identifying it

Question 10

2 / 2 pts

State the difference between Cost and Value



Cost is money spent at the time of manufacturing but the value is money spent by the customer



Cost is the company's expenses but the value is customer's money spent to buy the product



Cost is the money spent by the manufacturer to produce a product or service while Value is based on customer perception and a product is valuable when it meets customer requirements



Cost is buying the raw material from a supplier but the value is money spent to buy a product from the retailer

Question 11

2 / 2 pts

What are the benefits of the steady flow of production?



It reduces the cost, on-time delivery to the customer, inventory level goes down and improves the quality



Steady manpower requirement.



Rejection and rework come under control so morale of the workmen goes up



The job becomes monotonous and results in boredom

Question 12**2 / 2 pts**

You are appointed as a General manager of a company which is not doing a good business. What will be your approach to improve the situation?

Check the various expenses of the organization and try to reduce them so some percentage of the losses will be minimized

Talk to senior staff of the company and find out the data regarding sales and company's market share, production cost, material cost, the status of new product in the design stage, resources of the company, total salary expenses on all employees, customer's satisfaction/dissatisfaction reasons

Inventory in stores and available areas of the store.

Finished goods inventory and reasons for piling of the inventory. Amount of money blocked in finished goods inventory

Question 13**2 / 2 pts**

The production manager is complaining about absenteeism as one of the reasons for not achieving the production targets resulting in doing overtime to meet the targets. The finance manager is not comfortable with this additional cost to the company in the form of overtime. You are a CEO. How will you address this issue?



First of all, it is required to find out the standard time of production which is a basis for calculating manpower. Check the manpower number. Then the average percentage of absenteeism to be found out from H.R. That much percentage additional manpower to be recruited and give it to Production and then check targets are achieved or not



Ask the H.R. manager to make an agreement with the union regarding daily production targets. Accordingly, salary will be given



Buy Hitech machinery to boost the production



Make an agreement with the union regarding productivity linked salary & bonus. So workers will perform with enthusiasm and targets will be achieved in stipulated time

Question 14

2 / 2 pts

Information technology has a tremendous influence on today's business environment. You being the CEO of the organization you want to incorporate it into your company. The Board of directors is reluctant since investment is high. You need to convince them. How will you go about it?



Computers work faster than humans so we must change accordingly



Many of our competitors have implemented IT and its tools in the business. They are successful. So as to remain in the market we should go for it.



It is an upcoming things in the business and the future is with computers only so we should go for it



With the help of IT, the speed of communication will increase. Forecasting will be more accurate. Installation of robots will reduce the rejection and production will be of high quality. Robots don't require breaks during working hour and salary payment question does not arise. 100% accuracy. Good control over inventory. Large data can be captured and handled by the systems etc. If we don't change then we may be out of business

Question 15**2 / 2 pts**

The sales department is complaining the finished goods are not received in a timely manner. After investigating you notice that transportation is the cause of the delay. Your company's expertise is in designing and manufacturing. You want to focus on that. In such a case how will you address the problem?



The existing truck's condition is not as per the standard. So the frequency of breakdown is quite high. So you suggest the transporter buy new trucks



Your organization wants to focus on its core competency. So you can think of outsourcing transportation and logistics. So as to avoid the issues with the transportation go for Third-party logistics and make an agreement of payment as per kilometers of distance covered in a timely manner



You inform the H.R. manager to recruit a senior-level person who will be exclusively looking after logistics and transportation. So this late delivery problem will be eliminated



You order the logistics manager to look for another transporter

Quiz Score: 30 out of 30