

Question 1

Regression equations with a coefficient of determination close to zero are extremely accurate because they have little forecast error.

- A) True
- B) False

Answer: <https://biology-forums.com/index.php?topic=488950>

Question 2

Inventory turnover is obtained by dividing the average aggregate inventory value by sales per week at cost.

- A) True
- B) False

Answer: <https://biology-forums.com/index.php?topic=488225>

Question 3

In the single-server model:

- A) service times are always constant to avoid large waiting lines.
- B) the mean of the service-time distribution must be as great as the target service time for a feasible solution.
- C) the service time of a customer is most often described by an exponential distribution.
- D) the service time depends on the number of customers in the system as long as there is at least one customer in the waiting line.

Answer: <https://biology-forums.com/index.php?topic=487976>

Question 4

Which level of Six Sigma attainment spends time at their normally assigned duties?

- A) Black belt
- B) Master black belt
- C) Green belt
- D) All of these spend time at their normally assigned job duties.

Answer: <https://biology-forums.com/index.php?topic=487842>

Question 5

Which one of the following statements is TRUE?

- A) There is never more than one critical path in a network.
- B) PERT/CPM assumes that two activities tied together by a precedence relationship cannot be worked on simultaneously.
- C) The path in a network having the minimum slack is the shortest path in the network.
- D) Crashing an activity on the critical path will always result in an increase in total project profits.

Answer: <https://biology-forums.com/index.php?topic=488132>

Question 6

Which statement about economies of scope is not true?

- A) Economies of scope are often attained through programmable automation.
- B) Economies of scope reflect the ability to produce multiple products more cheaply in combination than separately.
- C) Economies of scope reflect low capital intensity and high resource flexibility.
- D) Economies of scope bring together two competitive priorities - customization and low price.

Answer: <https://biology-forums.com/index.php?topic=488575>

Question 7

One of the advantages of customer involvement in a service process is that:

- A) accommodating the needs of each different customer can make the process more complex.
- B) if the customers are price sensitive, they will feel they are receiving more value.
- C) dealing with the unique needs of each customer can increase divergence.
- D) measurement of quality becomes more difficult.

Answer: <https://biology-forums.com/index.php?topic=488567>

Question 8

What are the typical objectives of the aggregate plan?

Answer: <https://biology-forums.com/index.php?topic=489085>

Question 9

Geography and distance are becoming increasingly irrelevant in location decisions.

- A) True
- B) False

Answer: <https://biology-forums.com/index.php?topic=488731>

Question 10

The decision rule _____ chooses the alternative that is the "best of the best."

Answer: <https://biology-forums.com/index.php?topic=488402>

Question 11

Warehouse layout is a special example of flexible-flow layout. What type of system is employed when a stock picker picks one item at a time and oscillates between the dock and the storage area?

- A) Out and back
- B) Batch picking
- C) Zone system
- D) Route collection

Answer: <https://biology-forums.com/index.php?topic=488052>

Question 12

A chain of activities that delivers value to external customers is a:

- A) support process.
- B) value chain.
- C) core process.
- D) system.

Answer: <https://biology-forums.com/index.php?topic=488333>

Question 13

Work sampling can be used to estimate the proportion of time spent by people or machines on activities.

- A) True
- B) False

Answer: <https://biology-forums.com/index.php?topic=487561>

Question 14

Regarding control charts, changing from two-sigma limits to three-sigma limits:

- A) increases the probability of concluding nothing has changed, when in fact it has.
- B) increases the probability of searching for a cause when none exists.
- C) decreases the probability that defects will be generated by the process.
- D) decreases the probability that the process average will change.

Answer: <https://biology-forums.com/index.php?topic=487805>

Question 15

A job shop manager wants to determine the proportion of time the workers are idle. The shop employs two types of workers. Type 1 includes three workers and Type 2 includes two workers. The manager suspects that the proportion of idle time is about 20 percent for Type 1 workers and 15 percent for Type 2 workers. If the manager wants a 95 percent confidence level and a degree of precision of ± 0.05 , how many trips will the observers have to take through the group?

- A) Greater than 80 but fewer than or equal to 90
- B) Greater than 90 but fewer than or equal to 100
- C) Greater than 100
- D) Fewer than or equal to 80

Answer: <https://biology-forums.com/index.php?topic=487593>

Question 16

A(n) _____ is when the consumer randomly selects items from the lot and inspects them one by one.

Answer: <https://biology-forums.com/index.php?topic=487650>

Question 17

List and describe typical disruptions to the external supply chains.

Answer: <https://biology-forums.com/index.php?topic=488295>

Question 18

Development strategies must go beyond specifying the variety, design, innovation, or service thrust. Firms must also:

- A) define the market position of the firm relative to competitors.
- B) provide maintenance contracts for long-term use.
- C) develop new technologies to deliver the service or product.
- D) All of these are vital to new service or product development.

Answer: <https://biology-forums.com/index.php?topic=488462>

Question 19

The international standard that is applied to determine a company's "environmental friendliness" is:

- A) ISO 14000.
- B) ISO 9000.
- C) ISO 24000.
- D) ISO 19000.

Answer: <https://biology-forums.com/index.php?topic=487847>

Question 20

Part commonality refers to the degree to which a component has more than one immediate parent.

- A) True
- B) False

Answer: <https://biology-forums.com/index.php?topic=487356>