

### Question 1

If a design can be produced to requirements even when the production process has unfavorable conditions, the design is said to be \_\_\_\_\_.

Answer: <https://biology-forums.com/index.php?topic=690588>

### Question 2

Explain the symbols used in decision tree analysis.

Answer: <https://biology-forums.com/index.php?topic=691751>

### Question 3

Little's Law is not applicable in which of the following situations?

- A) a 24-hour supermarket
- B) a gas station with 24-hour self-service pumps
- C) the opening of a toy store on Black Friday morning
- D) B and C
- E) It is applicable to A, B, and C.

Answer: <https://biology-forums.com/index.php?topic=692073>

### Question 4

Identify one advantage and one disadvantage of the doubling approach over the formula approach to learning curve calculations.

Answer: <https://biology-forums.com/index.php?topic=692175>

### Question 5

Key success factors and core competencies are synonyms.

- A) True
- B) False

Answer: <https://biology-forums.com/index.php?topic=689432>

### Question 6

What is the expected value of perfect information of the following decision table?

States of Nature  
Alternatives S1 S2

p .6 .4  
Option 1 200 300  
Option 2 50 350

- A) 20
- B) 50
- C) 150
- D) 0
- E) 200

Answer: <https://biology-forums.com/index.php?topic=691794>

### Question 7

A network has been crashed to the point where all activities are critical. Additional crashing:

- A) may require crashing multiple tasks simultaneously.
- B) can be done, but all critical tasks must be reduced in duration.
- C) is unnecessary.
- D) is impossible.
- E) is prohibitively expensive.

Answer: <https://biology-forums.com/index.php?topic=689581>

### Question 8

The three major types of forecasts used by organizations in planning future operations are:

- A) exponential smoothing, Delphi, and regression.
- B) causal, time-series, and seasonal.
- C) departmental, organizational, and territorial.
- D) economic, technological, and demand.
- E) strategic, tactical, and operational.

Answer: <https://biology-forums.com/index.php?topic=689598>

### Question 9

Advances in technology:

- A) have had a dramatic impact on customer interaction with services and with products.
- B) have had only a limited impact on services.
- C) have dramatically changed health care, but have not changed retailing.
- D) have failed to change the level of customer interaction with an organization.
- E) have impacted the manufacturing sector only.

Answer: <https://biology-forums.com/index.php?topic=690187>

### Question 10

Felicien grows mirlitons (that's Cajun for Chayote squash) in his 100 by 100 foot garden. He then sells the crop at the local farmers' market. Two summers ago, he was able to produce and sell 1200 pounds of mirlitons. Last summer, he tried a new fertilizer that promised a 50% increase in yield. He harvested 1900 pounds. Did the fertilizer live up to its promise?

Answer: <https://biology-forums.com/index.php?topic=689340>

### Question 11

Substantial research has proved that the only successful method of dealing with bottlenecks is to increase the bottleneck's capacity.

- A) True
- B) False

Answer: <https://biology-forums.com/index.php?topic=690224>

### Question 12

Which of the following did the authors NOT suggest as a reason for globalizing operations?

- A) pursue stockholder approval ratings
- B) reduce costs
- C) understand markets
- D) attract and retain global talent
- E) improve the supply chain

Answer: <https://biology-forums.com/index.php?topic=689373>

### Question 13

If the schedule calls for the production of 120 units per day and 480 minutes of production time are available per day, the cycle time would be 4 minutes.

- A) True
- B) False

Answer: <https://biology-forums.com/index.php?topic=690531>

### Question 14

A production manager at a pottery factory has noticed that about 70 percent of defects result from impurities in raw materials, 15 percent result from human error, 10 percent from machine malfunctions, and 5 percent from a variety of other causes. This manager is most likely using:

- A) a flowchart.
- B) a quality loss function.
- C) a Pareto chart.
- D) a cause-and-effect diagram.
- E) a scatter diagram.

Answer: <https://biology-forums.com/index.php?topic=689927>

### Question 15

Which of the following companies use a mass customization approach?

- A) Dell
- B) Align Technology
- C) Frito-Lay
- D) Arnold Palmer hospital
- E) A and B

Answer: <https://biology-forums.com/index.php?topic=690104>

### Question 16

The factor-rating method can consider both tangible and intangible costs.

- A) True
- B) False

Answer: <https://biology-forums.com/index.php?topic=690338>

### Question 17

A firm is considering adding a second secretary to answer phone calls and make appointments. The cost of the secretary will be \$10/hour and she will work 200 hours each month. If each new client adds \$400 of profit to the firm, how many clients must the secretary arrange for the firm to break even?

Answer: <https://biology-forums.com/index.php?topic=690261>

### Question 18

The last step in the analytic decision process is to clearly define the problem and the factors that influence it.

- A) True
- B) False

Answer: <https://biology-forums.com/index.php?topic=691738>

### Question 19

Which of the following is NOT needed in order to use the transportation model?

- A) the destination points and their demand
- B) the source points and their capacity
- C) the fixed costs of source points
- D) the cost of shipping one unit from each source to each destination
- E) All of these are needed.

Answer: <https://biology-forums.com/index.php?topic=691911>

### Question 20

\_\_\_\_\_ refers to a work schedule that deviates from the normal or standard five 8-hour days.

Answer: <https://biology-forums.com/index.php?topic=690665>