



000-535

(Advanced Manufacturing Science)

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Question: 1

A team has a heavily conventional group style. Their solutions are below average and they do not achieve synergy. The team members feel that the group could be doing somewhat better. What is the best suggestion for minimizing the negative impact of this style?

- A. Emphasize the importance of arriving at a consensus decision - one that all members can buy into.
- B. Establish a feeling of unity among group members. Remind the team that when the group wins, everyone wins.
- C. Play "devil's advocate" when group members keep proposing the same safe solution. Ask probing questions to pinpoint the pros and cons of their solution.
- D. Encourage the more reserved group members to speak up. They may be able to supply missing information and a fresh perspective. Make sure to include them so they understand their value to the team.

Answer: C

Question: 2

Which of the following best describes an example of subordinating all decisions to the output capability of the constriction, or bottleneck?

- A. Additional capacity is obtained by purchasing the capital equipment needed to keep up with demand.
- B. The output of all operations in front of the bottleneck, including release, is reduced to match that of the constriction.
- C. The output capabilities for processes downstream from the bottleneck are increased so that product will move quickly once it passes the constriction.
- D. Capacity figures for all resources are reviewed and compared with demand in order to determine the bottleneck department so that work schedules can be established.

Answer: B

Question: 3

Which of the following is the best definition of Manufacturing Cycle Time?

- A. It is the total time it takes to process, ship and deliver a product to a customer.
- B. It is the total time that it takes to process a product through a Manufacturing line.
- C. It is the total time it takes to process a product from receipt of raw materials to stock through delivery to the customer.
- D. It is the total time it takes to process a product from receipt of raw materials through the last manufacturing operation excluding non-value-added process steps.

Answer: B

Question: 4

Which of the following is a bottleneck in a manufacturing line?

- A. Hourly output is identified and addressed.
- B. Hourly fluctuations are identified and addressed.
- C. As constrictions are identified and taken care of, the bottleneck is eliminated.
- D. Ongoing process improvements are resulting in improved output.

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shortfalls can be identified. As variations are identified and addressed, the bottleneck is eliminated. As detractors to output are identified and addressed, the bottleneck is eliminated.

Answer: D

Question: 5

Which of the following is a characteristic of a self-managing team?

- A. The team leader is responsible for the team's performance.
- B. The team takes responsibility for the team's performance.
- C. Individual team members are responsible for the team's performance.
- D. People are encouraged to take responsibility for the team's performance.

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s. The team takes responsibility for the team's performance. Other team members are responsible for the team's performance and be accountable.

Answer: D

Question: 6

One of an organization's goals is to "improve production." Which of the following is a barrier to achieving this goal?

- C. Communication is poor.
- D. Respect for the individual is not valued.

barrier to

Answer: A

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