

Latest Version: 6.0

Question: 1

Which of the following is the best definition of a flow chart?

Response:

- A. A diagram used to structure ideas into useful categories
- B. A picture used to separate steps of a process in sequential order
- C. An illustration used to analyze variation in a process
- D. An analytical tool used to clarify opposing aspects of a desired change

Answer: B

Question: 2

Which of the following tools would be best for measuring projected surface intersections?

Response:

- A. Optical comparator
- B. Protractor
- C. Thread micrometer
- D. Profilometer

Answer: A

Question: 3

A material review board (MRB) usually has the responsibility for which of the following?

Response:

- A. Defining the statistical specifications of nonconforming material
- B. Controlling the cost of materials
- C. Analyzing and dispositioning of nonconforming material
- D. Assuring the availability of materials to meet production schedules

Answer: C

Question: 4

Which of the following elements of an audit program must be aligned with the organization's overall strategy?

Response:

- A. Compliance
- B. Scope
- C. Schedule
- D. Objectives

Answer: D

Question: 5

Which of the following tools can only be used to collect attributes data?

Response:

- A. Ring gage
- B. Micrometer
- C. Steel scale
- D. Dial indicator

Answer: A

Question: 6

Who is responsible for determining whether a follow-up response is sufficient to close out an internal audit?

Response:

- A. The quality manager
- B. The internal auditee
- C. The audit team leader
- D. Executive management

Answer: C

Question: 7

Which of the following groups is responsible for producing parts to specifications?

Response:

- A. The manufacturing engineering department
- B. The quality assurance department
- C. The manufacturing department
- D. The process engineering department

Answer: C

Question: 8

What is the recommended minimum number of subgroups necessary to calculate the limits for a control chart?

Response:

- A. 25
- B. 15
- C. 35
- D. 10

Answer: A

Question: 9

Under which of the following circumstances can the calibration interval of a gage be lengthened?

Response:

- A. No defective parts were produced that were checked with the gage.
- B. The production rate of the parts checked with the gage increases.
- C. History indicates satisfactory calibration performance.
- D. The inspection department requests the change in writing.

Answer: C

Question: 10

The reduction or elimination of incoming inspection stations should be considered only when

Response:

- A. it is cost-prohibitive to the supplier to test the parts
- B. evidence of supplier process control techniques is provided for the material used
- C. the next process step will mask defects
- D. evidence of a high defect rate is present in the manufacturing operation

Answer: B