



**Vendor:** Six Sigma

**Exam Code:** ICYB

**Exam Name:** IASSC Certified Lean Six Sigma Yellow Belt

**Version:** DEMO

**QUESTION 1**

SIPOC stands for Suppliers, Inputs, \_\_\_\_\_, Output and Customers.

- A. Production
- B. Process
- C. Products
- D. Presentation

**Answer: B**

**QUESTION 2**

As we begin to describe the things occurring with our process through a Process Map we begin to see some steps that are NVA which stands for \_\_\_\_\_.

- A. Non-value add
- B. No violation allowed
- C. Non-value actions
- D. Next vehicle action

**Answer: A**

**QUESTION 3**

As we identify customer and supplier requirements for a SIPOC we are urged to use the RUMBA approach which stands for Reasonable, Understandable, \_\_\_\_\_, Believable and Achievable.

- A. Manageable
- B. Massive
- C. Memorable
- D. Measurable

**Answer: D**

**QUESTION 4**

Inputs that may affect your process to some degree but are not critical, are difficult to quantify and are random in nature are referred to as \_\_\_\_\_.

- A. Nuisance
- B. Noise
- C. Pests
- D. Elusive

**Answer: B**

**QUESTION 5**

Long-term Data represents all the variation that one can expect to experience from the output of the subject process.

- A. True

B. False

**Answer: A**

**QUESTION 6**

The temperature of a liquid is being measured by a line operator. Which is least likely to be influenced by the instrument?

- A. Recording the measurement
- B. Actual temperature of the liquid
- C. Calibration of the instrument
- D. Reading of the instrument

**Answer: A**

**QUESTION 7**

One of the primary benefits of your team working together to create an X-Y Diagram is that the data collected from this exercise is accurate and certain.

- A. True
- B. False

**Answer: B**

**QUESTION 8**

Measurement System Analysis is a procedure used to quantify variation of the method or system used for taking measurements and used to assure usable data is collected.

- A. True
- B. False

**Answer: A**

**QUESTION 9**

A Belt gathered the following defect data for a trouser production line and wanted to assemble it into a Pareto Chart. The correct order from left to right in the chart would be:

Data:Cutting29  
Forming43  
Stitching17  
Sealing51

- A. Sealing, Forming, Cutting, Stitching
- B. Cutting, Stitching, Sealing, Forming
- C. Stitching, Forming, Cutting, Sealing
- D. Forming, Cutting, Sealing, Stitching

**Answer: A**

**QUESTION 10**

One of the primary objectives of constructing an X-Y Diagram is to separate the vital few X's from the trivial many X's.

- A. True
- B. False

**Answer: A**

**QUESTION 11**

If a set of data is generally centered relative to the targeted value but is rather widely disbursed it would be said to be \_\_\_\_\_.

- A. Precise but not accurate
- B. Accurate but not precise
- C. Precise but skewed
- D. Accurate but distributed

**Answer: B**

**QUESTION 12**

Stability, Bias and Linearity define the \_\_\_\_\_ of a Measurement System.

- A. Sensitivity
- B. Repeatability
- C. Accuracy
- D. Precision

**Answer: C**

**QUESTION 13**

A tool we use to identify possible failures (defects) in our process and the impact they may have is the \_\_\_\_\_.

- A. Shewhart Analysis
- B. Juran Journey
- C. FMEA
- D. SIPOC

**Answer: C**

**QUESTION 14**

The RPN or Risk Priority Number is used to rank the various Failure Modes as to their impact on the output of the subject process.

- A. True
- B. False

**Answer: A**

**QUESTION 15**

The purpose of \_\_\_\_\_ is to analyze data and present it in a way we can make informed decisions as to what is happening in our process.

- A. Data Sampling
- B. Basic Statistics
- C. Calculating Standard Deviation
- D. Measurement System Analysis

**Answer: B**

**QUESTION 16**

Process Capability is defined based on customer requirements, defect free performance and output over time.

- A. True
- B. False

**Answer: A**

**QUESTION 17**

Lean Principles defines for us \_\_\_\_\_ specific areas where waste typically exists in our processes.

- A. Three
- B. Five
- C. Seven
- D. Nine

**Answer: C**

**QUESTION 18**

It is recommended that when beginning a 5S program it be started in a pilot work area for learning and demonstration purposes then it is expended throughout the plant.

- A. True
- B. False

**Answer: A**

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