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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