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Vendor:IASSC

Exam Code:ICYB

Exam Name:IASSC Certified Lean Six Sigma Yellow
Belt

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QUESTION 1

One of the 5S approaches to eliminating waste is to organize all tools, information and inventory utilized at a workstation in such a manner that the operator knows exactly where things are when needed. This 5S tool is called _____.

- A. Standardizing
- B. Scheduling
- C. Sustaining
- D. Straightening

Correct Answer: D

QUESTION 2

The "Method" category of Root Causes on a Fishbone Diagram is primarily used to generate ideas as to the possible causes for defects by the _____.

- A. Inventory management
- B. Effects of the environment
- C. Way work is done
- D. Parts or forms used

Correct Answer: C

QUESTION 3

Training cost is \$3,000 and a project required an initial investment of \$12,000. If the project yields monthly savings of \$1,800 beginning after 3 months, what is the payback period in months (before money costs and taxes)?

- A. 4.17
- B. 8.33
- C. 11.33
- D. 28.28

Correct Answer: C

QUESTION 4

The essence of Lean is to concentrate effort on removing waste while improving process flow to achieve _____ at lower cost.

- A. Inventory
- B. Sales
- C. Speed and agility
- D. Downtime

Correct Answer: C

Reference: <https://books.google.com.pk/books?id=L7BDjeOiFV4Candpg=PA223andlpg=PA223anddq=six+sigma+The+essence+of+Lean+is+to+concentrate+effort+on+removing+waste+while+improving+process+flow+to+achieve+a+lower+cost&source=bl&dq=six+sigma+The+essence+of+Lean+is+to+concentrate+effort+on+removing+waste+while+improving+process+flow+to+achieve+a+lower+cost&hl=en&sa=X&ved=2ahUKEwjfoKaZ7oPfAhVNOBoKHRw2BxAQ6AEwBHoECAYQAQ#v=onepageandq=six%20sigma%20The%20essence%20of%20Lean%20is%20to%20concentrate%20effort%20on%20removing%20waste%20while%20improving%20process%20flow%20to%20achieve%20at%20lower%20cost&df=false>

QUESTION 5

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

Correct Answer: D

QUESTION 6

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

Correct Answer: A

QUESTION 7

When completing an FMEA what are standard process controls that are typically used to prevent a failure in a process?

- A. Statistical Process Control, Poke-Yoke, Inspection
- B. Checksheets, Customer Interviews, Surveys
- C. Customer Complaints, Inspections, Error Proof
- D. Statistical Process Control, tracking defects in process

Correct Answer: B

QUESTION 8

As we conceive and define a LSS project one of the overriding things we hope to accomplish is to reduce the _____.

- A. Work force
- B. Number of process steps
- C. Inventory
- D. Cost of Poor Quality

Correct Answer: D

QUESTION 9

An important factor in a viable _____ is to determine who, when and to what level various personnel must be trained to maintain the improvements made to a process.

- A. Control Plan
- B. FMEA
- C. Standard Operating Procedure
- D. Process Map

Correct Answer: C

QUESTION 10

Six Sigma refers to a process whose output has at least 75% of its data points within 6 Standard Deviations from the Mean.

- A. True
- B. False

Correct Answer: B

QUESTION 11

Which graphical tool is used to display the relative frequency of the number of times a measured item falls within a certain cell size?

- A. Time Series Plot
- B. Scatter Plot
- C. Box Plot
- D. Histogram

Correct Answer: A

QUESTION 12

A Macro Process Map may map a process showing the entire activities of a department and can likely be broken into many Micro Process Maps showing numerous processes that comprise the activities of the department.

- A. True
- B. False

Correct Answer: A