

IASSC ICYB

IASSC LEAN SIX SIGMA YELLOW BELT CERTIFICATION QUESTIONS & ANSWERS

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[IASSC Certified Lean Six Sigma Yellow Belt](#)

60 Questions Exam – 70% Cut Score – Duration of 120 minutes

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Discover More about the ICYB Certification

Are you interested in passing the IASSC ICYB exam? First discover, who benefits from the ICYB certification. The ICYB is suitable for a candidate if he wants to learn about Lean Six Sigma. Passing the ICYB exam earns you the IASSC Certified Lean Six Sigma Yellow Belt title.

While preparing for the ICYB exam, many candidates struggle to get the necessary materials. But do not worry; your struggling days are over. The ICYB PDF contains some of the most valuable preparation tips and the details and instant access to useful [ICYB study materials just at one click](#).

IASSC ICYB Lean Six Sigma Yellow Belt Certification Details:

Exam Name	IASSC Certified Lean Six Sigma Yellow Belt
Exam Code	ICYB
Exam Fee	USD \$195
Exam Duration	120 Minutes
Number of Questions	60
Passing Score	70%
Format	Multiple Choice
Schedule Exam	Book Your Exam
Sample Questions	IASSC ICYB Exam Sample Questions and Answers
Practice Exam	IASSC Certified Lean Six Sigma Yellow Belt Practice Test

ICYB Syllabus:

Define Phase	
The Basics of Six Sigma	<ul style="list-style-type: none"> - Meanings of Six Sigma - General History of Six Sigma & Continuous Improvement - Deliverables of a Lean Six Sigma Project - The Problem Solving Strategy $Y = f(x)$ - Voice of the Customer, Business and Employee - Six Sigma Roles & Responsibilities

The Fundamentals of Six Sigma	<ul style="list-style-type: none"> - Defining a Process - Critical to Quality Characteristics (CTQ's) - Cost of Poor Quality (COPQ) - Pareto Analysis (80:20 rule) - Basic Six Sigma Metrics <ul style="list-style-type: none"> a. including DPU, DPMO, FTY, RTY Cycle Time
Selecting Lean Six Sigma Projects	<ul style="list-style-type: none"> - Building a Business Case & Project Charter - Developing Project Metrics - Financial Evaluation & Benefits Capture
The Lean Enterprise	<ul style="list-style-type: none"> - Understanding Lean - The History of Lean - Lean & Six Sigma - The Seven Elements of Waste <ul style="list-style-type: none"> a. Overproduction, Correction, Inventory, Motion, Overprocessing, Conveyance, Waiting. - 5S <ul style="list-style-type: none"> a. Straighten, Shine, Standardize, Self-Discipline, Sort
Measure Phase	
Process Definition	<ul style="list-style-type: none"> - Cause & Effect / Fishbone Diagrams - Process Mapping, SIPOC, Value Stream Map - X-Y Diagram - Failure Modes & Effects Analysis (FMEA)
Six Sigma Statistics	<ul style="list-style-type: none"> - Basic Statistics - Descriptive Statistics - Normal Distributions & Normality - Graphical Analysis
Measurement System Analysis	<ul style="list-style-type: none"> - Precision & Accuracy - Bias, Linearity & Stability - Gage Repeatability & Reproducibility - Variable & Attribute MSA
Process Capability	<ul style="list-style-type: none"> - Capability Analysis - Concept of Stability - Attribute & Discrete Capability - Monitoring Techniques
Control Phase	
Lean Controls	<ul style="list-style-type: none"> - Control Methods for 5S - Kanban - Poka-Yoke (Mistake Proofing)
Six Sigma Control Plans	<ul style="list-style-type: none"> - Cost Benefit Analysis - Elements of the Control Plan - Elements of the Response Plan

Broaden Your Knowledge with IASSC ICYB

Sample Questions:

Question: 1

During the Process Discovery activity of the Measure Phase our team uses a _____ to brainstorm concerning all the potential things that could impact the output of the process we are investigating.

- a) Pareto Chart
- b) Shewhart Analytical
- c) Fishbone Diagram
- d) None

Answer: c

Question: 2

As a standard for a process to be at the 6 Sigma quality level, it must have?

- a) C_p & $C_{pk} > 1.5$
- b) C_p & $C_{pk} > 2$
- c) $C_p > 1.5$ & $C_{pk} > 2.0$
- d) $C_p > 2.0$ & $C_{pk} > 1.5$

Answer: d

Question: 3

As a Belt completes a LSS project she creates for the Process Owner a Control Plan. The Control Plan is to remain active and open for _____.

- a) One year
- b) The rest of the fiscal year
- c) The life of the process
- d) Three years

Answer: c

Question: 4

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: 5

A key metric in Six Sigma is the DPMO which stands for _____?

- a) Delayed production metrics output
- b) Defects by management oversight
- c) Defects per million opportunities
- d) Developed production management oversight

Answer: c

Question: 6

5S Sorting: Items used weekly should be kept _____?

- a) In a remote location
- b) In a local location
- c) Within arm's reach
- d) In a storage area

Answer: b

Question: 7

In the expression $Y = f(X_n)$ Y, the output, is the _____ variable and X_n , the inputs, are the _____ variables.

- a) Independent, dependent
- b) Individual, multiple
- c) Sole, multiple
- d) Dependent, independent

Answer: d

Question: 8

The DMAIC approach to problem solving stands for Define, _____, Analyze, Improve and Control.

- a) Manage
- b) Measure
- c) Memorize
- d) Manipulate

Answer: b

Question: 9

Which of the following would likely be a CTQ (Critical-to-Quality) for the purchase of a service?

- a) Documentation is clear
- b) Was timely in delivery
- c) Required no redo
- d) All of these answers are correct

Answer: d

Question: 10

A concept that addresses the consistency of process workers is called _____?

- a) Supervising
- b) Visual Factory
- c) Standard Operating Procedures
- d) Performance Drivers

Answer: c

Avail the Study Guide to Pass IASSC ICYB Lean Six Sigma Yellow Belt Exam:

- Find out about the ICYB syllabus topics. Visiting the official site offers an idea about the exam structure and other important study resources. Going through the syllabus topics help to plan the exam in an organized manner.
- Once you are done exploring the [ICYB syllabus](#), it is time to plan for studying and covering the syllabus topics from the core. Chalk out the best plan for yourself to cover each part of the syllabus in a hassle-free manner.
- A study schedule helps you to stay calm throughout your exam preparation. It should contain your materials and thoughts like study hours, number of topics for daily studying mentioned on it. The best bet to clear the exam is to follow your schedule rigorously.
- The candidate should not miss out on the scope to learn from the ICYB training. Joining the IASSC provided training for ICYB exam helps a candidate to strengthen his practical knowledge base from the certification.
- Learning about the probable questions and gaining knowledge regarding the exam structure helps a lot. Go through the [ICYB sample questions](#) and boost your knowledge

- Make yourself a pro through online practicing the syllabus topics. ICYB practice tests would guide you on your strengths and weaknesses regarding the syllabus topics. Through rigorous practicing, you can improve the weaker sections too. Learn well about time management during exam and become confident gradually with practice tests.

Career Benefits:

Passing the ICYB exam, helps a candidate to prosper highly in his career. Having the certification on the resume adds to the candidate's benefit and helps to get the best opportunities.

Here Is the Trusted Practice Test for the ICYB Certification

ProcessExam.Com is here with all the necessary details regarding the ICYB exam. We provide authentic practice tests for the ICYB exam. What do you gain from these practice tests? You get to experience the real exam-like questions made by industry experts and get a scope to improve your performance in the actual exam. Rely on ProcessExam.Com for rigorous, unlimited two-month attempts on the [ICYB practice tests](#), and gradually build your confidence. Rigorous practice made many aspirants successful and made their journey easy towards grabbing the IASSC Certified Lean Six Sigma Yellow Belt.

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