

# IASSC ICYB

**IASSC LEAN SIX SIGMA YELLOW BELT CERTIFICATION QUESTIONS & ANSWERS**

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**Exam Summary – Syllabus – Questions**

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**ICYB**

**IASSC Certified Lean Six Sigma Yellow Belt**

**60 Questions Exam – 230/300 Cut Score – Duration of 120 minutes**

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## Know Your ICYB Certification Well:

The ICYB is best suitable for candidates who want to gain knowledge in the IASSC Business Process Improvement. Before you start your ICYB preparation you may struggle to get all the crucial Lean Six Sigma Yellow Belt materials like ICYB syllabus, sample questions, study guide.

But don't worry the ICYB PDF is here to help you prepare in a stress free manner.

The PDF is a combination of all your queries like-

- What is in the ICYB syllabus?
- How many questions are there in the ICYB exam?
- Which Practice test would help me to pass the ICYB exam at the first attempt?

Passing the ICYB exam makes you Lean Six Sigma Yellow Belt. Having the Lean Six Sigma Yellow Belt certification opens multiple opportunities for you. You can grab a new job, get a higher salary or simply get recognition within your current organization.

## IASSC ICYB Lean Six Sigma Yellow Belt Certification Details:

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

# ICYB Syllabus:

<b>Define Phase</b>	
<b>The Basics of Six Sigma</b>	<ul style="list-style-type: none"> <li>- Meanings of Six Sigma</li> <li>- General History of Six Sigma &amp; Continuous Improvement</li> <li>- Deliverables of a Lean Six Sigma Project</li> <li>- The Problem Solving Strategy <math>Y = f(x)</math></li> <li>- Voice of the Customer, Business and Employee</li> <li>- Six Sigma Roles &amp; Responsibilities</li> </ul>
<b>The Fundamentals of Six Sigma</b>	<ul style="list-style-type: none"> <li>- Defining a Process</li> <li>- Critical to Quality Characteristics (CTQ's)</li> <li>- Cost of Poor Quality (COPQ)</li> <li>- Pareto Analysis (80:20 rule)</li> <li>- Basic Six Sigma Metrics                             <ul style="list-style-type: none"> <li>a. including DPU, DPMO, FTY, RTY Cycle Time</li> </ul> </li> </ul>
<b>Selecting Lean Six Sigma Projects</b>	<ul style="list-style-type: none"> <li>- Building a Business Case &amp; Project Charter</li> <li>- Developing Project Metrics</li> <li>- Financial Evaluation &amp; Benefits Capture</li> </ul>
<b>The Lean Enterprise</b>	<ul style="list-style-type: none"> <li>- Understanding Lean</li> <li>- The History of Lean</li> <li>- Lean &amp; Six Sigma</li> <li>- The Seven Elements of Waste                             <ul style="list-style-type: none"> <li>a. Overproduction, Correction, Inventory, Motion, Overprocessing, Conveyance, Waiting.</li> <li>- 5S                                     <ul style="list-style-type: none"> <li>a. Straighten, Shine, Standardize, Self-Discipline, Sort</li> </ul> </li> </ul> </li> </ul>
<b>Measure Phase</b>	
<b>Process Definition</b>	<ul style="list-style-type: none"> <li>- Cause &amp; Effect / Fishbone Diagrams</li> <li>- Process Mapping, SIPOC, Value Stream Map</li> <li>- X-Y Diagram</li> <li>- Failure Modes &amp; Effects Analysis (FMEA)</li> </ul>
<b>Six Sigma Statistics</b>	<ul style="list-style-type: none"> <li>- Basic Statistics</li> <li>- Descriptive Statistics</li> <li>- Normal Distributions &amp; Normality</li> <li>- Graphical Analysis</li> </ul>
<b>Measurement System Analysis</b>	<ul style="list-style-type: none"> <li>- Precision &amp; Accuracy</li> <li>- Bias, Linearity &amp; Stability</li> <li>- Gage Repeatability &amp; Reproducibility</li> <li>- Variable &amp; Attribute MSA</li> </ul>
<b>Process Capability</b>	<ul style="list-style-type: none"> <li>- Capability Analysis</li> <li>- Concept of Stability</li> </ul>

	- Attribute & Discrete Capability - Monitoring Techniques
<b>Control Phase</b>	
<b>Lean Controls</b>	- Control Methods for 5S - Kanban - Poka-Yoke (Mistake Proofing)
<b>Six Sigma Control Plans</b>	- Cost Benefit Analysis - Elements of the Control Plan - Elements of the Response Plan

## IASSC ICYB Sample Questions:

### Question: 1

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: 2

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: 3

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: 4**

01. 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**

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: 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**

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**

**Question: 9**

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: 10**

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

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

**Answer: b**

# Study Guide to Crack IASSC Lean Six Sigma Yellow Belt ICYB Exam:

- Getting details of the ICYB syllabus, is the first step of a study plan. This pdf is going to be of ultimate help. Completion of the syllabus is must to pass the ICYB exam.
- Making a schedule is vital. A structured method of preparation leads to success. A candidate must plan his schedule and follow it rigorously to attain success.
- Joining the IASSC provided training for ICYB exam could be of much help. If there is specific training for the exam, you can discover it from the link above.
- Read from the ICYB sample questions to gain your idea about the actual exam questions. In this PDF useful sample questions are provided to make your exam preparation easy.
- Practicing on ICYB practice tests is must. Continuous practice will make you an expert in all syllabus areas.

## Reliable Online Practice Test for ICYB Certification

Make ProcessExam.com your best friend during your IASSC Certified Lean Six Sigma Yellow Belt exam preparation. We provide authentic practice tests for the ICYB exam. Experts design these online practice tests, so we can offer you an exclusive experience of taking the actual ICYB exam. We guarantee you 100% success in your first exam attempt if you continue practicing regularly. Don't bother if you don't get 100% marks in initial practice exam attempts. Just utilize the result section to know your strengths and weaknesses and prepare according to that until you get 100% with our practice tests. Our evaluation makes you confident, and you can score high in the ICYB exam.

### Start Online Practice of ICYB Exam by Visiting URL

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