# EXIN LSSYB

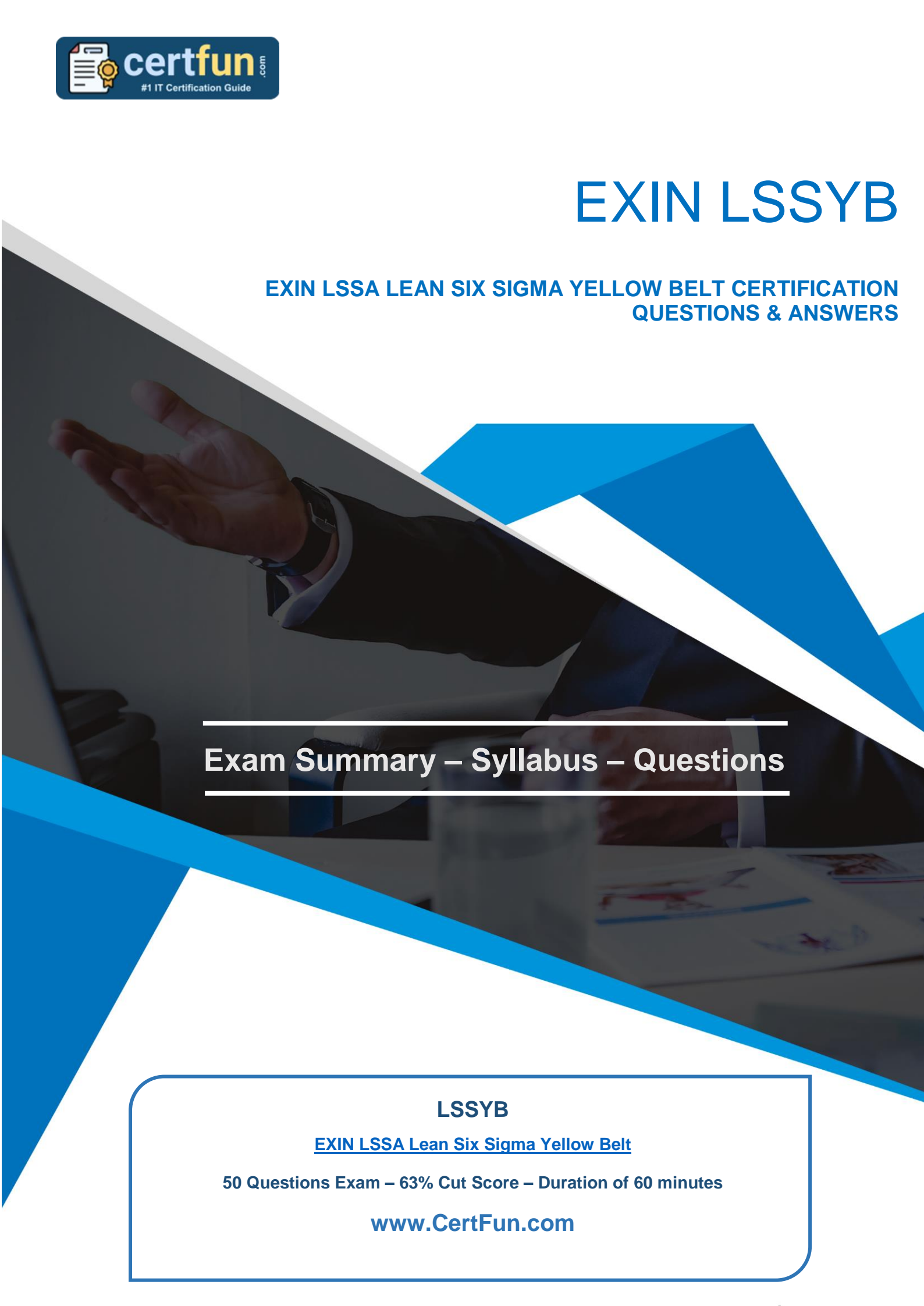## EXIN LSSA LEAN SIX SIGMA YELLOW BELT CERTIFICATION QUESTIONS & ANSWERS

## Exam Summary – Syllabus – Questions

### LSSYB

**EXIN LSSA Lean Six Sigma Yellow Belt**

**50 Questions Exam – 63% Cut Score – Duration of 60 minutes**

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# Know Your LSSYB Certification Well:

The LSSYB is best suitable for candidates who want to gain knowledge in the EXIN Lean. Before you start your LSSYB preparation you may struggle to get all the crucial LSSYB materials like LSSYB syllabus, sample questions, study guide.

But don't worry the LSSYB 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 LSSYB syllabus?
- How many questions are there in the LSSYB exam?
- Which Practice test would help me to pass the LSSYB exam at the first attempt?

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

# EXIN LSSYB LSSA Lean Six Sigma Yellow Belt Certification Details:

| Exam Name | EXIN LSSA Lean Six Sigma Yellow Belt |
| --- | --- |
| Exam Code | LSSYB |
| Exam Price | $283 (USD) |
| Duration | 60 mins |
| Number of Questions | 50 |
| Passing Score | 63% |
| Schedule Exam | **Pearson VUE** |
| Sample Questions | **EXIN LSSYB Sample Questions** |
| Practice Exam | **EXIN LSSYB Certification Practice Exam** |

# LSSYB Syllabus:

| Topic | Details |
|---|---|
| **World-class performance - 16%** | |
| **Continuous improvement** | - The learning element 'continuous improvement' reviews the history, values and principles of the most common process improvement methodologies. Also, the culture within a continuous improvement organization as well as roles and responsibilities are reviewed<br>- The candidate can...<br><br>• recall the origins of quality management, Kaizen and Lean.<br>• understand that Lean philosophy and principles realize improvements in process lead times and efficiencies.<br>• recall the difference between Top-Down and Bottom-Up approaches.<br>• understand the different maturity levels of process management as described in the Continuous Improvement Maturity Model (CIMM).<br>• recall the various continuous improvement roles and responsibilities. |
| **Customer value** | - The learning element 'customer value' reviews customer identification (internal/external), customer requirements and the CTQ-measure.<br>- The candidate can…<br><br>• understand the Voice of the Customer (VOC).<br>• understand that different customers have different needs, expectations, requirements, and desires.<br>• understand that VOC requirements need to be translated into Critical to Quality (CTQ) targets and specifications. |
| **Policy development and deployment - 5.3%** | |
| **Policy development** | - The learning element 'policy development' explains the importance of a so-called True North and how to develop an operational excellence strategy.<br>- The candidate can…<br><br>• understand the meaning and importance of the organization's True North.<br>• understand the meaning of Operational Excellence. |

| Topic | Details |
|---|---|
| Policy deployment | - The learning element 'policy deployment' is focusing on the execution process of the improvement strategy. Within this element financial and performance metrics will be reviewed.<br>- The candidate can…<br><br>• recall that an organization's culture can influence the success of Lean Six Sigma deployment. |

## Project management - 11.3%

| Topic | Details |
|---|---|
| Managing a project | - The learning element 'managing a project' reviews how to set up, plan and execute a project.<br>- The candidate can…<br><br>• understand the process of project selection.<br>• describe a proper problem statement in relation to customer requirements or complaints. |
| Process improvement roadmaps | - The learning element 'process improvement roadmaps' reviews a number of roadmaps, including PDCA and DMAIC.<br>- The candidate can…<br><br>• understand project management methods that are used at the shop floor for Kaizen initiatives (e.g. PDCA, A3-report).<br>• understand and follow the DMAIC roadmap. |

## Creating a solid foundation - 7.3%

| Topic | Details |
|---|---|
| Professional work environment | - The learning element 'professional work environment' is about good housekeeping and how to set up a proper and safe work environment in a structured manner.<br>- The candidate can…<br><br>• understand how organizing the work environment, by applying 5S (Sort, Straighten, Shine, Standardize, Sustain), will improve safety and moral. |
| Standardized work | - The learning element 'standardized work' is about implementing and improving standards and protocols.<br>- The candidate can…<br><br>• understand that standardized tasks are the foundation for continuous improvement.<br>• interpret standard operating procedures (SOPs) and one-point-lessons. |
| Quality | - The learning element 'quality management' is about |

| Topic | Details |
|---|---|
| management | developing procedures to identify and detect defects. Also preventing mistakes and avoiding problems is part of this element.<br>- The candidate can…<br><br>• understand quality procedures, the need to be disciplined and to work according to procedures. |

## Creating a continuous improvement culture - 16%

| Topic | Details |
|---|---|
| Visual management | - The learning element 'visual management' reviews how to set up a workplace that is organized and self-explaining.<br>- The candidate can…<br><br>• apply elements of Visual Workplace and understand how these can help to control the improved process. |
| Performance management | - The learning element 'performance management' reviews how to set targets, and how to organize the work to be done. The learning element also reviews how to facilitate improvement teams at the shopfloor that work on Kaizen improvement initiatives and Problem Solving.<br>- The candidate can…<br><br>• participate in stand-up meetings and Scrum sessions.<br>• describe and understand the importance of the Kaizen principles.<br>• participate in Kaizen events and continuous improvement initiatives.<br>• apply root cause analysis and understand the issues involved in identifying a root cause. |
| Basic quality tools | - The learning element 'basic quality tools' reviews techniques to visualize data and guidelines how to facilitate and participate in brainstorm sessions.<br>- The candidate can…<br><br>• understand brainstorm techniques: Affinity diagram, 5-Whys and Ishikawa.<br>• participate in brainstorm sessions.<br>• understand basic quality tools to visualize data: Scatter plot, Pareto chart, Bar chart, Pie chart, Time series plot and Histogram. |

## Creating stable and efficient processes - 26.8%

| Topic | Details |
|---|---|
| Process mapping | - The learning element 'process mapping' reviews a number of |

| Topic | Details |
|---|---|
| | tools to map and analyze the flow of a process.<br>- The candidate can…<br><br>• understand the Spaghetti diagram and SIPOC.<br>• understand the importance of process mapping to visualize the flow of activities and decisions within a process. |
| **Performance metrics** | - The learning element 'performance metrics' reviews performance metrics for both logistics as for quality.<br>- The candidate can…<br><br>• recall performance metrics related to time (e.g. takt time, cycle time and lead time).<br>• recall performance metrics related to quality (e.g. Yield and RTY). |
| **Basic statistics** | - The learning element 'basic statistics' reviews different types of data, measurement scales and data collection tools. Also, a set of measures (statistics) that characterizes a given set of data are reviewed.<br>- The candidate can…<br><br>• recall the different types of data and that there is a difference between counting and measuring.<br>• understand tools for collecting data such as data sheets and check sheets. |
| **Value stream analysis** | - The learning element 'value stream analysis' reviews how to create a Value Stream Map of the current situation.<br>- The candidate can…<br><br>• understand the difference between value adding and non-value adding activities. |
| **Reducing Muda (Waste)** | - The learning element 'reducing Muda' reviews how to identify and eliminate Waste in the organization and its processes.<br>- The candidate can…<br><br>• identify and eliminate process Waste (Muda): Overproduction, Waiting, Transport, Overprocessing, Inventory, Movement, Defects and Unused expertise. |
| **Reducing Muri (Overburden)** | - The learning element 'reducing Muri' reviews how to identify overburden in the organization. This element also reviews how to implement flow and work balancing to reduce overburden.<br>- The candidate can…<br><br>• understand the meaning of Flow. |

| Topic | Details |
|---|---|
| **Reducing Mura (Unevenness)** | - The learning element 'reducing Mura' reviews how to identify unevenness in the organization and its processes. This element also reviews a number of techniques to reduce unevenness.<br>- The candidate can…<br><br>• understand the meaning of Pull. |
| **Process and quality control** | - The learning element 'process and quality control' looks at how results that have been achieved in process improvement projects can be sustained. This element reviews the following techniques and principles: First Time Right, Jidoka and Poka Yoke.<br>- The candidate can…<br><br>• understand the importance of First Time Right principles.<br>• understand the work has to be stopped when there is a quality problem (Jidoka).<br>• identify opportunities to apply Poka Yoke to avoid quality problems. |
| | **Creating capable processes - 17.3%** |
| **Statistical techniques** | - The learning element 'statistical techniques' reviews a number of metrics that are often used in Six Sigma projects. The element also reviews a number of sampling methods for assuring data accuracy and integrity.<br>- The candidate can…<br><br>• understand the difference between special cause and common cause variation.<br>• understand it is important to follow systematic data collection.<br>• understand the basic terms of statistics e.g. mean and spread. |
| **Distributions** | - The learning element 'distributions' reviews a number of continuous and discrete distributions. The element also reviews the central limit theorem and a number of probability concepts.<br>- The candidate can…<br><br>• recall that many processes are normally distributed. |
| **Measurement systems** | - The learning element 'measurement systems' reviews how to evaluate measurement systems.<br>- The candidate can…<br><br>• understand the importance of reliable measurement systems |

| Topic | Details |
|---|---|
| **Hypothesis testing and confidence intervals** | - The learning element 'hypothesis testing & confidence intervals' reviews test methods that are used to test a hypothesis. This learning element also discusses Confidence Intervals that indicate the reliability of test conclusions.<br>- The candidate can…<br><br>• recall the basic principles of hypothesis testing. |
| **Tests for means, variances and proportions** | - The learning element 'tests for means, variances and proportions' reviews the basic principles of hypothesis testing.<br>- The candidate can…<br><br>• recall the basic principles of tests of means. |
| **Correlation and regression** | - The learning element 'correlation and regression' describes the predictive models using regression techniques to determine the relation between factors on a response.<br>- The candidate can…<br><br>• recall the basic principles or correlation.<br>• recall the basic principles of linear regression. |

# EXIN LSSYB Sample Questions:

## Question: 1

What is the main goal of data visualization?

a) Communicates findings and conclusions of data analysis to others
b) Enables the organization to be 80% correct today, rather than 100% correct in 6 months
c) Encourages out-of–the-box thinking to generate as many ideas as possible
d) Identifies and eliminates the root cause of faults or problems

**Answer: a**

## Question: 2

What step in the 5S methodology requires that equipment safety and emergency procedures are defined?

a) Seiketsu - Standardize
b) Seiso - Shine
c) Seiton - Straighten
d) Shitsuke - Sustain

**Answer: a**

## Question: 3

A company produces parts for large car manufacturers, such as BMW and Volvo. Management at this company is committed to continuously improve manufacturing standards and practices.

Which method best suits this approach?

a) Kaizen
b) Poka Yoke / Error proofing
c) Teamwork
d) Visual management

**Answer: a**

## Question: 4

Which is a purpose of Short Interval Management (SIM)?

a) Create high-level visualization of the process
b) Identify the root cause of faults or problems
c) Trigger appropriate and timely action
d) Understand and prioritize customer requirements

**Answer: c**

## Question: 5

Which is the philosophy shared by Lean and Six Sigma?

a) Always set out to win, at the expense of all others
b) Enhance customer value to help an organization achieve its goals
c) Doing the same work with less people
d) Focus on producing higher volumes of stock and sell them cheap

**Answer: b**

## Question: 6

The project leader of an improvement project must determine the project Critical to Quality (CTQ). Which is the correct formulation for a CTQ?

a) Perfect delivery of the products
b) The delivery time of the products
c) The efficiency of the production process
d) The safety of the production process

**Answer: b**

## Question: 7

Which is an important requirement of the data collected when sampling data?

- a) Based on random samples
- b) Measured on a continuous scale
- c) Qualitative in nature
- d) Quick and easy to collect

**Answer: a**

## Question: 8

5S workplace organization is a method that fits into one of the DMAIC phases. What is the phase called?

- a) Analyze
- b) Define
- c) Improve
- d) Measure

**Answer: c**

## Question: 9

How are the inputs defined in the SIPOC technique?

- a) Individuals or teams who provide inputs into the process
- b) Items or information needed to execute the process and deliver the outputs
- c) Measures of the process Critical to Quality (CTQ)
- d) People who the process affect or benefit from the outcome

**Answer: b**

## Question: 10

Which type of correlation is not a recognized relationship?

- a) Negative correlation
- b) No correlation
- c) Positive correlation
- d) Simple correlation

**Answer: d**

# Study Guide to Crack EXIN LSSYB Exam:

- Getting details of the LSSYB 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 LSSYB 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 EXIN provided training for LSSYB 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 LSSYB 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 LSSYB practice tests is must. Continuous practice will make you an expert in all syllabus areas.

## Reliable Online Practice Test for LSSYB Certification

Make CertFun.com your best friend during your EXIN LSSA Lean Six Sigma Yellow Belt exam preparation. We provide authentic practice tests for the LSSYB exam. Experts design these online practice tests, so we can offer you an exclusive experience of taking the actual LSSYB 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 LSSYB exam.

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