

IASSC Green Belt Certification Practice Test 1

This comprehensive guide offers 100 questions, designed to help you prepare for the IASSC Green Belt exam.

For additional resources, please visit my website:

<https://www.6sigmatool.com/>

Your feedback is invaluable in enhancing this document.

Should you have any suggestions or comments, feel free to reach out to me at

outilssixsigma@gmail.com

Questions and corresponding Answers:

Que	Ans	Que	Ans	Que	Ans	Que	Ans
1		26		51		76	
2		27		52		77	
3		28		53		78	
4		29		54		79	
5		30		55		80	
6		31		56		81	
7		32		57		82	
8		33		58		83	
9		34		59		84	
10		35		60		85	
11		36		61		86	
12		37		62		87	
13		38		63		88	
14		39		64		89	
15		40		65		90	
16		41		66		91	
17		42		67		92	
18		43		68		93	
19		44		69		94	
20		45		70		95	
21		46		71		96	
22		47		72		97	
23		48		73		98	
24		49		74		99	
25		50		75		100	

LSS_BoK_1.1 - The Basics of Six Sigma : 6 Questions

Question 1/6 or 1/100:

What does Six Sigma represent?

- a) Process Improvement Methodology
- b) Financial Management System
- c) Organizational Hierarchy Model
- d) Marketing Strategy Framework

Question 2/6 or 2/100:

The fundamental goal for most companies implementing Six Sigma is to _____.

- a) Minimize defects
- b) Enhance process efficiency
- c) Increase profitability
- d) All of the above

Question 3/6 or 3/100:

Within a Project Charter, what element articulates the Business Case for addressing a defect/error in a process?

- a) Project Scope
- b) Problem Statement
- c) Key Performance Indicators
- d) Composition of the Project Team

Question 4/6 or 4/100:

The concept of measuring performance using the Six Sigma scale involves _____.

- a) Considering only mean values in calculations
- b) Focusing solely on variation in calculations
- c) Incorporating both mean and variation in calculations
- d) None of the above

Question 5/6 or 5/100:

In the context of customer focus, 'listening to the customer' typically refers to the _____.

- a) Chief Executive Officer
- b) Intermediate product user
- c) End customer or client
- d) Company's marketing department

Question 6/6 or 6/100:

In a Lean Six Sigma framework, the Sponsor is responsible for allocating resources for projects within their unit, maintaining regular communication with the project manager, and actively participating in DMAIC phase-end reviews.

- a) TRUE
- b) FALSE

LSS_BoK_1.2 - The Fundamentals of Six Sigma : 5 Questions

Question 1/5 or 7/100:

The Voice of the Customer (VOC) process focuses on identifying what customers need, rather than how to fulfill those needs.

- a) TRUE
- b) FALSE

Question 2/5 or 8/100:

Which method is used to capture critical elements of a service or product according to customer needs?

- a) Project Charter
- b) Failure Mode and Effects Analysis (FMEA)
- c) House of Quality
- d) Critical to Quality (CTQ) Flowdown

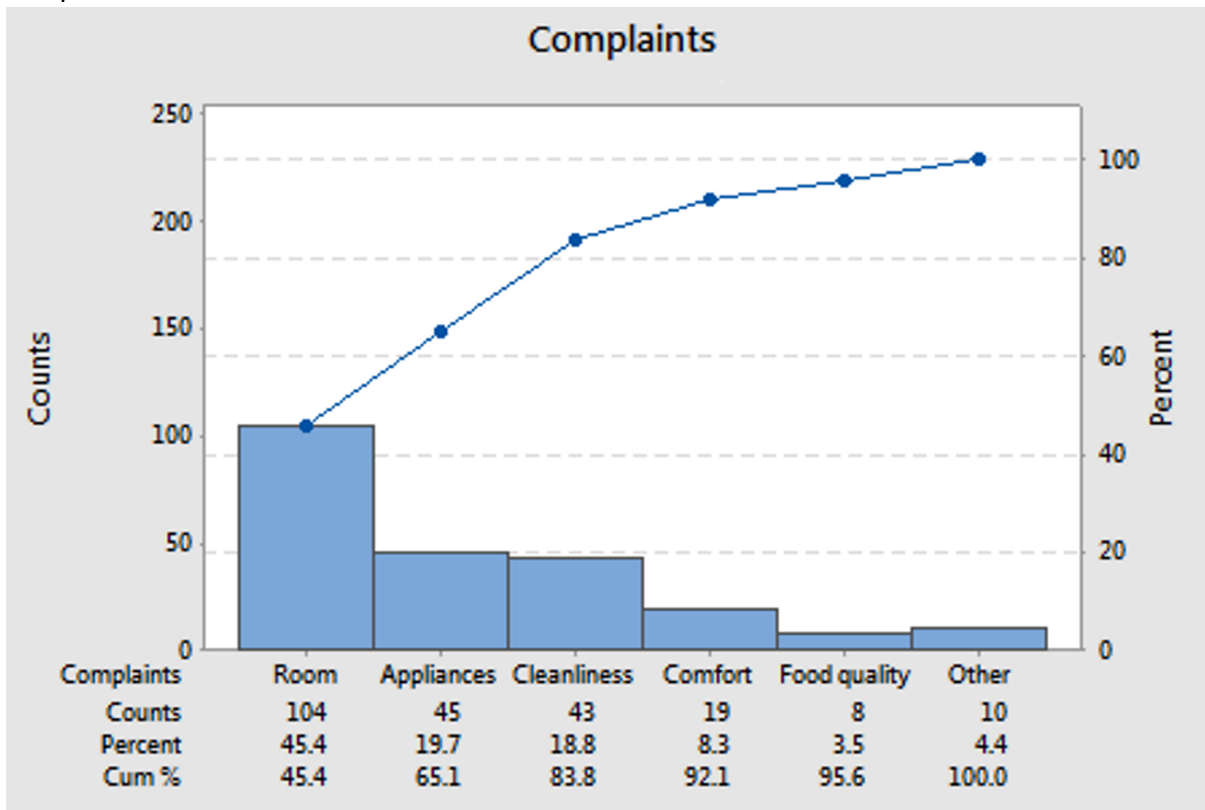
Question 3/5 or 9/100:

Net Present Value (NPV) is the financial metric that calculates the difference between the current value of future cash flows and the initial investment.

- a) TRUE
- b) FALSE

Question 4/5 or 10/100:

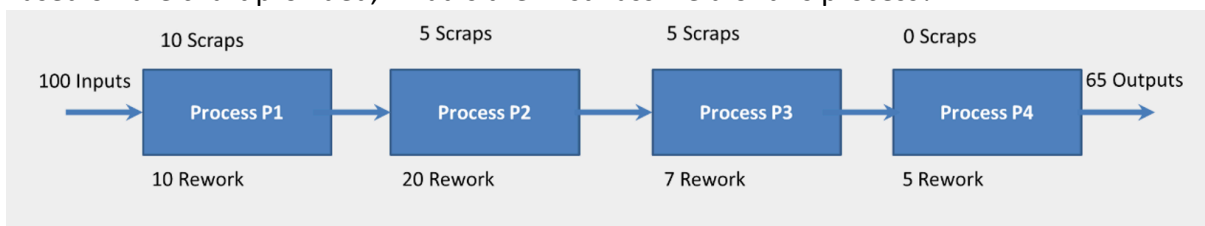
According to the graphic provided, which three factors constitute the primary reasons for complaints?



- a) Room, Appliances, other
- b) Room, Appliances, Cleanliness
- c) Comfort, other, Room
- d) Cleanliness, Percent, Food quality

Question 5/5 or 11/100:

Based on the chart provided, what is the First Pass Yield of this process?



- a) 43%
- b) 65%
- c) 58%
- d) 100%

LSS_BoK_1.3 - Selecting Lean Six Sigma Projects : 3 Questions

Question 1/3 or 12/100:

Factors that may affect the timeline of a Green or Black Belt Lean Six Sigma Project include

_____.

- a) The availability of resources
- b) The significance of the outcome for the business
- c) The breadth and boundaries of the project
- d) All of the mentioned factors

Question 2/3 or 13/100:

The Primary Metric in a Lean Six Sigma project is the _____.

- a) Goal outlined by the General Manager
- b) Direct measurement of the defect or issue
- c) Perspective of the project team
- d) Initial recommendation from the first stakeholder

Question 3/3 or 14/100:

The calculation of project benefits is typically based on the savings achieved within what time frame after the project's completion?

- a) One year
- b) Two years
- c) Five years
- d) Six months

LSS_BoK_1.4 - The Lean Enterprise : 5 Questions

Question 1/5 or 15/100:

A Lean Six Sigma project resulted in a cost reduction of \$200,000. The project's total investment was \$50,000. What is the Return on Investment (ROI) for this project?

- a) 400%
- b) 300%
- c) 200%
- d) 100%