



KNOWLEDGE ASSESSMENT EXAM CONTENT OUTLINE

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Exam Details:

The exam has 150 multiple-choice questions, each with four response options and one correct answer.

Test Blueprint

Domain	# Items	Percent of Exam
Domain 1: Principles	26	17%
Domain 2: People-Related	26	17%
Domain 3: Practices	98	66%
Total	150	100%

Domain / Sub-Domains	# Items
Domain 1: Principles	
1.1: Identify key features of a Lean culture	3
1.2: Recognize Lean Operating System (Lean Project Delivery System) as an organized implementation of Lean Principles and Tools supporting a Lean culture	3
1.3: Determine if actions represent Respect for People	3
1.4: Determine if actions represent Optimizing the Whole	2
1.5: Determine if actions represent Generating Value	3
1.6: Distinguish 8 types of Waste	2
1.7: Determine if actions reduce or eliminate waste	2
1.8: Determine if actions represent Focus on Flow	3
1.9: Determine if actions support Continuous Improvement/Plan Do Check Act (PDCA)	3
1.10: Identify key features of Integrated Project Delivery/IPD	2
Total	26

Domain 2: People-Related	
2.1: Determine if actions represent creating a Lean Culture	3
2.2: Identify key items to include during Onboarding/Team Forming	2
2.3: Determine if actions represent building a High-performing Team	3
2.4: Recognize the importance of assessing the emotional health of the team regularly	2
2.5: Recognize advantages of Early Stakeholder Involvement	3
2.6: Determine if actions support a culture of Commitment/Accountability	3
2.7: Determine if actions support making a Reliable Promise/Commitment	3
2.8: Identify how Conditions of Satisfaction support the project	2
2.9: Determine if actions represent Distributed Leadership	2
2.10: Recognize the importance of Transparency to a Lean culture	3
Total	26

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Domain 3: Principles

3.1: Identify the 5 Connected Conversations (levels) of the Last Planner System®	2
3.2: Determine if actions represent Pull methodology	3
3.3: Determine if actions support creating a Milestone Plan	3
3.4: Determine if actions support creating a Phase Pull Plan	3
3.5: Identify effective practices for LPs tag content	2
3.6: Identify the relationship between Handoff Work Planning and Phase Pull Planning	2
3.7: Determine if actions support creating a LookAhead Plan	3
3.8: Determine if actions support Constraint Identification	3
3.9: Determine if actions support Constraint Mitigation	3
3.10: Determine if actions support creating a Weekly Work Plan	3
3.11: Determine if actions support Percent Plan Complete Tracking	2
3.12: Determine if actions support Variance Management	2
3.13: Determine if actions support conducting the Daily Huddle	3
3.14: Determine if actions support Work Structuring	2
3.15: Determine if actions support Work Leveling	2
3.16: Determine if actions support implementing Takt Time methodology	2
3.17: Recognize key differences between Last Planner System® implementation in construction vs. design	2
3.18: Determine if actions support an Effective Big Room approach	2
3.19: Distinguish the difference between leading and facilitating	3
3.20: Determine if actions represent effective Visual Management implementation	2
3.21: Determine if actions represent a Target Value Delivery approach	2
3.22: Determine if actions represent effective use of the Cost Model for proactive forecasting and budget management	2
3.23: Determine if actions represent proactive Supply Chain Management	2
3.24: Recognize the connection of the Cost Model to Target Value Delivery	2
3.25: Determine if actions support Risk/Opportunity Management	2
3.26: Determine if actions support PDCA through the ability to move to target state from current state	2
3.27: Determine if actions represent collaborative problem solving using A3/PDCA Thinking	2
3.28: Determine if actions support 5 Why Analysis	2
3.29: Recognize the connection between Root Cause Analysis and 5 Why Analysis	2
3.30: Determine if actions represent Continuous Reflection/Retrospective	2
3.31: Determine if actions support conducting a Plus/Delta	2
3.32: Identify circumstances to implement Value Stream Mapping	2
3.33: Identify circumstances to implement Process Mapping	2



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3.34: Determine if actions and behaviors support conducting effective Gemba Walks	2
3.35: Determine if actions support conducting effective First Run Studies	2
3.36: Determine if actions support implementing 5S	2
3.37: Recognize appropriate implementation of Declaring a Breakdown/Stopping the Line	2
3.38: Determine if actions represent effective Mistake Proofing	2
3.39: Recognize the connection between BIM and Lean	2
3.40: Identify the key purpose of Choosing by Advantages	2
3.41: Determine if actions support effective use of buffers with Just-in-Time (JIT)	2
3.42: Recognize how Standard Work supports continuous improvement	2
3.43: Recognize the connection of Modularization to Lean	2
3.44: Recognize how Lean implementation enhances Safety and Quality	3
Total	98