

Group Examination Analysis
















Test Code: 7675, v1
 Test Date: Wednesday, January 23, 2008
 Number of Candidates: 40
 Site Code: 4926

Examination Analysis	
Number of Candidates:	40
Low Score:	95
Mean:	128
High Score:	146
Number of Questions:	156
Pass Score:	124
International Average:	82%
Standard Deviation:	
Standard Error of the Measurement:	
KR20:	

Group Examination Performance

	Level/Title	# of Items	# of Items Passed	Performance	Pct
1	1.1.1 Business vision, mission, values, strategies and goals	1	0		80%
	1.1.1.1 Business Vision	1	0		80%
2	1.1.3 Long and short term planning	1	1		100%
	1.1.3.1 Hoshin Planning	1	1		100%
3	1.1.4 Principles of lean leadership	11	9		87%
	1.1.4.1 Go and See	4	3		75%
	1.1.4.2 Defining Value Vs. Non-Value	4	3		97%
	1.1.4.3 Identifying Waste	2	1		90%
	1.1.4.4 Achieving Flow	1	0		90%
4	1.1.5 Lean corporate culture	4	3		90%
	1.1.5.2 Kaizen Blitz Events	2	1		95%
	1.1.5.3 Continuous Improvement and Change	1	1		100%
	1.1.5.5 Change and Knowledge Management Systems	1	0		70%
5	1.2.2 Employee training and development	4	3		85%
	1.2.2.3 Continuous Learning Strategy	2	1		75%
	1.2.2.4 Cross Training	1	0		90%
	1.2.2.5 Classroom and On The Job Training	1	1		100%
6	1.2.3 Teamwork	6	4		80%
	1.2.3.2 Multi-Level Participation	1	0		70%
	1.2.3.3 Roles and Responsibilities	4	3		80%
	1.2.3.5 Team Dynamics	1	0		90%
7	1.2.4 Suggestions/Feedback/Appraisal System	1	1		100%
	1.2.4.1 Information Sharing	1	1		100%
8	1.2.6 Ergonomic, Clean and Safe Work Environment	3	2		93%
	1.2.6.2 Ergonomics	3	2		93%
9	2.1.1 Operational Vision and Strategy	1	0		80%
	2.1.1.1 Lean Principles in Strategy	1	0		80%
10	2.2.1 Product Design and Development	2	1		70%
	2.2.1.1 Quality Function Deployment	2	1		70%
11	2.3.1 Suppliers	1	0		30%
	2.3.1.1 Supplier Development Process	1	0		30%
12	2.3.2 Customers	1	0		60%
	2.3.2.1 Customer Training and Development Processes	1	0		60%

13	2.4.1 Systematic Identification of Waste	19	16		87%
	2.4.1.1 Waste Identification and Elimination	2	1		95%
	2.4.1.2 Value Stream Mapping	5	4		84%
	2.4.1.3 Value Analysis	3	2		96%
	2.4.1.4 5S Standards and Discipline	2	1		90%
	2.4.1.5 Visual Workplace	3	2		70%
	2.4.1.7 Mistake/Error Proofing	1	1		100%
	2.4.1.8 Quality at the Source/Source Inspection	1	0		90%
	2.4.1.9 Continuous Improvement	1	0		90%
	2.4.1.10 5-Whys Problem Solving	1	1		100%
14	2.4.2 Just in Time Operations	28	24		86%
	2.4.2.1 Takt Time	4	3		87%
	2.4.2.2 Materials Signal	6	5		88%
	2.4.2.3 Pull System	6	5		86%
	2.4.2.4 Continuous Flow	5	4		80%
	2.4.2.5 Just In Time	1	0		90%
	2.4.2.6 Quick Changeover/Set-Up Reduction	1	0		70%
	2.4.2.7 TPM	1	1		100%
	2.4.2.8 Load Leveling (Heijunka)	4	3		90%
15	2.4.3 Cellular and Continuous Flow	8	6		82%
	2.4.3.1 Cellular Manufacturing	3	2		93%
	2.4.3.2 One Piece Flow	2	1		75%
	2.4.3.3 Standard Work	3	2		76%
16	2.4.4 Lean Tools for Continuous Improvement	12	8		72%
	2.4.4.1 Problem Solving and Plan Do Check Act	3	1		53%
	2.4.4.2 Reliability and Maintainability	1	1		100%
	2.4.4.3 Root Cause and Corrective Action	1	1		100%
	2.4.4.4 Flowcharting	1	0		80%
	2.4.4.5 Pareto	1	0		90%
	2.4.4.6 Cause and Effect Diagram	2	1		75%
	2.4.4.7 Check Sheets	1	0		90%
	2.4.4.10 Control Charts	1	0		60%
	2.4.4.11 Problem Solving	1	0		50%
17	3.1.1 Business and Service Processes	16	14		92%
	3.1.1.1 Application of Lean Principles and Techniques	10	9		93%
	3.1.1.2 Focus on Value Adds and Waste Identification and Eli	2	1		95%
	3.1.1.3 Commitment to Continuous Improvement	3	2		96%
	3.1.1.4 Business Operations Improvement Metrics	1	0		70%
18	3.1.2 Alignment and Systematic Business and Service Process	15	11		76%
	3.1.2.1 Finance and Accounting	1	0		90%
	3.1.2.3 Materials Management	6	4		73%
	3.1.2.4 Information Technology	1	0		70%
	3.1.2.5 Sales and Marketing	3	2		73%
	3.1.2.6 Quality Assurance	2	1		90%
	3.1.2.7 Process and Manufacturing Engineering	2	1		70%
19	4.1.1 Quality Results	6	4		70%
	4.1.1.1 Rework	1	1		100%
	4.1.1.2 Customer PPM Rejects	1	0		80%
	4.1.1.3 First Pass Yield	1	0		60%
	4.1.1.4 Scrap	1	1		100%
	4.1.1.6 Cost of Quality	2	0		45%

20	4.2.1 Cost and Productivity Results	10	7		78%
	4.2.1.1 Inventory Turns	1	1		100%
	4.2.1.3 Cycle Time, Takt Time and Throughput Time	2	1		85%
	4.2.1.4 Operational Equipment Effectiveness	1	0		90%
	4.2.1.5 Labor Value-Add	1	0		80%
	4.2.1.6 Product Cost Reduction	1	0		70%
	4.2.1.7 Changeover	1	0		70%
	4.2.1.8 Resource Utilization	2	1		60%
	4.2.1.10 Performance to Load Leveling	1	0		90%
21	4.3.1 Delivery and Customer Service Measurement	3	2		86%
	4.3.1.3 Customer Lead Time	3	2		86%
22	5.1.1 Customer Satisfaction Results	2	1		70%
	5.1.1.6 Value/Improvement Analysis	2	1		70%
23	5.2.1 Profitability Measurement	1	1		100%
	5.2.1.3 Fixed and Variable Costs	1	1		100%