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| **ATITA8 – Level 0: IT IS Yellow Belt**  ***Assessment Overview****: On completion of the Yellow Belt CCP, ITIS Associates will be able to use the basic QC tools to implement SIPs in the respective processes that would improve efficiency & effectiveness. It would also enable exceed customer's expectation.*  ***About the Test:***  *Test Duration: 120 Minutes*  *Number of Questions: 40*  *Passing Score: 60%*  ***Target Audience:***  *Business Analyst*  *· Technical Analyst*  *· Programmers, PA, PAT*  *· Jr Executive, Associates*  *· Consultant*  *· Asst Mgr (Buss Dev & Projects)*  *· Senior Associates, Senior Business Analysts*  *· Senior Consultant*  *· Manager Projects*  *· Senior Manager Projects*  *· Principal Consultant*  *· Senior Management folks* |

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| ***Coverage:*** *(Snapshot on chapters/topics covered)* **Module No.** | | | **Topics Covered** | | |  |
| 1 | Six Sigma Overview | | | | 6-Sigma is a Methodology to significantly improve customer satisfaction and shareholder value by reducing variability in every aspect of our business. |  |
| 2 | | Six Sigma Objective and Approach | | To reduce the number of Defects Per Million Opportunities. Y=F(x) explaining the dependent and independent variables. | |  |
| 3 | | Six Sigma Methodology | | DMAIC & DMADV. | |  |
| 4 | | Define | | Defining Charter for project, determine CTQ’s and Process map. | |  |
| 5 | | Measure | | Establish baseline process performance. Isolate sources of variation. Identify areas where improvements can be made. | |  |
| 6 | | Analyze | | To analyze the Variation of data during the Period of Time. | |  |
| **7** | | Improve | | Generate ideas for improvement. | |  |
| **8** | | Control | | Control charts and new process baselines. | |  |

***HCM Competency to be achieved after completing the CCP:***

*00003260 Six Sigma – Learner*

*00005646 Continual Service Improvement – Learner*

*00005651 Lean Six Sigma – Learner*

*00006697 Data Analysis and Reporting – Learner*

*00007321 Project Monitoring and Control – Learner*

***Reference Material:***

<https://onecognizant.cognizant.com/?GlobalAppid=2173&url=https%3A%2F%2Fonecognizantapps.cognizant.com%2F2173%2FAssociate%2FCourseDetails%3FCourseCode%3DATITA8>