

Lean Six Sigma Practice Test 5
(Answers)

- 1) A _____ provides the Six Sigma team with resources, removes organizational barriers for the team, participates in project tollgate reviews, and essentially serves as the team backer.
 - a) Process Owner
 - b) Master Black Belt
 - c) Black Belt
 - d) **Champion**

- 2) From the Cost of Quality point processing customer complaints and customer returns are:
 - a) Internal failure costs
 - b) **External failure costs**
 - c) Prevention costs
 - d) Appraisal costs

- 3) A Green Belt is tasked by a Master Black Belt to calculate the takt time for 36 disability eligibility determination intake applications which need to be processed in 1020 minutes. The green belt correctly calculates the takt time to be:
 - a) 1020
 - b) **28.3**
 - c) 0.035
 - d) 0.0035

- 4) In the control phase of a Six Sigma project focusing on attribute defects data using a variable sample size, team members need to use _____.
 - a) C chart
 - b) **U chart**
 - c) NP chart
 - d) P chart

- 5) Levene's test is used to assess variance homogeneity. The significance form the test is less than 0.05. What is a conclusion :
 - a) Variances are not significantly different and parametric tests can be used
 - b) **Variances are significantly different and a non-parametric test will probably have to be used**
 - c) Not enough information to draw any conclusions
 - d) Data is normally distributed