

Six Sigma Certification Exam Questions with Answers

(Based on ASQ Black Belt BOK topics)

I. Enterprise-Wide Deployment

A. Enterprise-wide view

1) W. Edwards Deming is the name which every lean six sigma certification candidate should know. He made significant contributions to advancing understanding of the importance of continuous process improvement. Deming was a student of _____, another remarkable quality management theorist and practitioner who invented control charts.

- a) Joseph M. Juran
- b) Genichi Taguchi
- c) Armand V. Feigenbaum
- d) Walter A. Shewhart

2) $y = f(x)$ is an equation which is central for lean six sigma methodology success. Which statement does define this equation the best?

- a) By controlling the inputs we control the outputs
- b) The outputs gradually decrease as the inputs rise
- c) The goal of any six sigma project is to achieve $y = f(6)$
- d) The output fluctuation may lead to the input instability

3) After completing a comprehensive lean six sigma training, you are asked to identify which of the listed are at the lowest level of detail. Please choose one:

- a) Subprocess
- b) System
- c) Step
- d) Process

4) The highest level that can be achieved after passing a lean six sigma certification examination is:

- a) Advanced Green Belt
- b) Black Belt
- c) Champion
- d) Master Black Belt

5) 6 sigma is a quality control and improvement methodology which employs an array of analytical tools and statistics techniques. The name 6 sigma itself refers to:

- a) **Number of standard deviations**
- b) Number of pillars formulated by Juran
- c) Number of variable control charts
- d) Number of months it takes on average to complete six sigma training