

**Lean Six Sigma Practice Test 7  
(Answers)**

- 1) A Six Sigma process produces \_\_\_\_\_ defects per million opportunities:
  - a) 3.4 million
  - b) 3.4**
  - c) 34
  - d) 3.4 thousand
  
- 2) The origin of Six Sigma is conventionally attributed to the following company:
  - a) Toyota
  - b) Motorola**
  - c) AT&T
  - d) IBM
  
- 3) A Six Sigma team evaluated data from a manufacturing process and determined that the scale which needs to be used needs to have the following attributes: data can be arranged in an order with meaningful differences and without an absolute zero value. Which scale is the Six Sigma team referring to?
  - a) Nominal
  - b) Ordinal
  - c) Interval**
  - d) Ratio
  
- 4) \_\_\_\_\_ is the probability of rejecting the null hypothesis when it is false.
  - a) p-value
  - b)  $\beta$
  - c)  $\beta-1$
  - d) Power**
  
- 5) A Master Black Belt explained to a Green Belt that one of the following conditions does not need to be met to perform linear regression analysis :
  - a) Curvilinear relationship between dependent and independent variables**
  - b) Constant variance of the errors
  - c) Normal distribution of errors
  - d) The effects of different independent variables are additive