Multiple Choice Questions

17. The consumer’s willingness to accept lots with a small proportion of defective items is known as the
   a. acceptance sampling plan
   b. acceptable quality level
   c. consumer’s risk
   d. producer’s risk
   (Easy)

18. The probability of rejecting a production lot that has an acceptable quality level is referred to as the
   a. producer’s risk
   b. consumer’s risk
   c. lot tolerance percent defective
   d. acceptable quality level
   (Easy)

19. The probability of accepting a production lot that has a higher fraction of defective items than the lot tolerance percent defective is referred to as the
   a. producer’s risk
   b. sampling plan
   c. consumer’s risk
   d. average outgoing quality
   (Easy)

20. The maximum number of defective items a customer will accept in a lot is referred to as the
   a. producer’s risk
   b. consumer’s risk
   c. average outgoing quality
   d. lot tolerance percent defective
   (Medium)

21. A graph showing the probability of accepting a lot for different quality levels with a specific sampling plan is known as
   a. an operating characteristics (OC) curve
   b. the average outgoing quality curve
   c. lot tolerance percent defective graph
   d. a single-sample attribute plan
   (Medium)