Multiple Choice Questions

Unit 5 Quality Control

1. Quality is \_\_\_\_\_\_ variability.

a) Opposite of

b) Proportional to

c) Reciprocal of

d) Synonym of

2. Which one of these is a dimension of quality?

a) Performance

b) Hazard rate

c) Process Capability

d) Control limits

3. Performance of a product is \_\_\_\_\_

a) How long the product lasts

b) How easy it is to repair the product

c) How often the product fails

d) Whether the product is capable of doing the intended job

4. Which one of these is not a component of quality?

a) Reliability

b) Durability

c) Acceptance sampling

d) Serviceability

5. How is aesthetics of a product defined as?

a) How good the product performs its job

b) How good it looks

c) How fast the job of the product is completed

d) Whether the product is made exactly as the designer intended

6. What does reduced variability result in?

a) Increased failure rate

b) Decreased reliability

c) Fewer repair claims

d) Increased repair costs

7. Quality of a product is at its lowest when \_\_\_\_ quality component is neglected while it’s manufacturing.

a) Performance

b) Reliability

c) Aesthetics

d) Serviceability

8. Quality characteristics are classified into variables and \_\_\_\_\_\_\_\_

a) Constants

b) Attributes

c) Standards

d) Specifications

9. Control chart is a useful \_\_\_\_\_\_  
a) Manufacturing process

b) Process monitoring technique  
c) Off-line quality control tool  
d) Part of acceptance sampling techniques

10. “We can rely on mass inspection to control quality.”  
a) True  
b) False