FMEA-TEST

(F) False

| NAME: Check each statement and choose an answer or a relationship that better suits the question of statement. | |
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| | |
| (B) Prototype (C) Test (D) Operation 3 are any errors or defects, especially ones that affect the customer, and can be potential | 8. In a FMEA case, "over pressure in lamp due to wrong gas", should appear under: (A) Process Function (B) Potential Failure Mode (C) Potential Effects of Failure |
| or actual (A) Failures (B) Mode (C) Effects (D) Analysis 4. QFD stands for: | (D) Potential Failure Cause 9. "Failure affects safety" (Rank 9-10): (A) Severity (B) Criticality (C) Occurrence (D) Detection |
| (A) Quality Failure Design (B) Quality Function Design (C) Quality Function Deployment (D) Quantity Failure Designs 5. An FMEA should be used only after developing control plans for a new or modified process. (T) True | 10. "Failure is almost inevitable" (Rank 10): (A) Severity(B) Criticality(C) Occurrence(D) Detection |

- 11. "Tests, procedures or mechanisms that you now have in place to keep failures from reaching the customer..."
 - (A) Process Function
 - (B) Potential Failure Mode
 - (C) Potential Effects of Failure
 - (D) Potential Failure Cause
 - (E) Current Process Controls
- 12. "Is this failure mode associated with a critical characteristic?"
 - (A) Severity
 - (B) Classification
 - (C) Occurrence
 - (D) Detection
- 13. RPN, stands for:
 - (A) Rank Priority Number
 - (B) Risk Principal Number
 - (C) Risk Priority Number
 - (D) Rank Personal Number
- 14. "Failures are prioritized according to":
 - (A) Design, Process, Manufacturing
 - (B) System, Occurrence, Design
 - (C) Severity, Process, Detection
 - (D) Severity, Occurrence, Detection

- 15. "window of opportunity" in Quality
 Characteristics of Effective FMEAs refers to:
 - (A) INTERFACES
 - (B) TIMING
 - (C) DOCUMENTATION
 - (D) LEVEL OF DETAIL
- 16. If RPN = 360, and Severity = Occurrence, & Detection = 10, then Severity is:
 - (A) 10
 - (B) 6
 - (C)36
 - (D) 8
- 17. If Severity = 5, Occurrence =8 & Detection = 10, then Criticality is:
 - (A) 40
 - (B) 50
 - (C) 80
 - (D) 400
- 18. If Classification is "Yes", then severity (S) should be:
 - (A) 1 <= S <= 10
 - (B) S <= 9
 - (C) S >= 9
 - (D) S = 5
- 19. "Preparation" in a FMEA process, consists of:
 - (A) Determine the "failure modes"
 - (B) Asses the probability of detection
 - (C) Update the FMEA with lessons learned
 - (D) Assemble the right team
- 20. "Follow-Up" in a FMEA process, consists of:
 - (A) Determine the "failure modes"
 - (B) Asses the probability of detection
 - (C) Update the FMEA with lessons learned
 - (D) Assemble the right team