Assignment - 03

The due date for submitting this assignment has passed. As per our records you have not submitted this assignment.

Due on 2018-09-05, 23:59 IST.

1) Which Statistical Process Control tool provides an accurate representation of the distribution of a continuous variable?

- Cause and Effect Diagram
- Check List
- Histogram
- Pareto Chart

No, the answer is incorrect.
Score: 0
Accepted Answers: Histogram

2) In quality control, it often represents the most common sources of defects, the highest occurring type of defect, or the most frequent reasons for customer complaints, and so on. The purpose of the ______________ is to highlight the most important among a (typically large) set of factors.

- Cause and Effect Diagram
- Check List
- Histogram
- Pareto Chart

No, the answer is incorrect.
Score: 0
Accepted Answers: Pareto Chart

3) Tree Diagrams are used when

- 1 point
4) The relations diagram shows cause–and–effect relationships. They are used:

- when trying to understand links between ideas or cause–and–effect relationships
- when a simple solution is being implemented.
- before generating an affinity diagram or cause and effect diagram.
- None of these.

5) The process decision program chart (PDPC)

- determining best schedule for the entire project.
- systematically identifies what might go wrong in a plan under development.
- shows the relationship between two, three or four groups of information and also establishes strength of relationship and roles played.
- analyses verbal data such as survey.

6) Quality Function Deployment (QFD) is largely focused on:

- To reduce the number of parts in a product
- Testing the robustness of a design
- Reducing costs and preventing unnecessary costs prior to production
- Ensuring that the eventual design of a product or service meets customer needs

7) When Quality Function Deployment (QFD) is NOT appropriate to apply?

- Poor communications and expectations get lost in the complexity of product development.
- Lack of structure or logic to the allocation of product development resources.
- Presence of an efficient and/or effective product/process development teamwork.
- Extended development time caused by excessive redesign, problem solving, or firefighting.

8) The quality function deployment (QFD) process begins with:

- Technical design parameters
9) In the house of quality, HOWS are
- actual measures of performance
- performance goals
- technical terms for the way WHATS will be achieved
- the importance ranking of the WHATS

No, the answer is incorrect.
Score: 0
Accepted Answers:
- technical terms for the way WHATS will be achieved

10) The sequence in which the 4 HOUSES of QUALITY appear:
- Design Attributes → Component Attributes → Process Operations → Quality Control Plan
- Design Attributes → Component Attributes → Process Operations → Quality Control Plan
- Design Attributes → Process Operations → Component Attributes → Quality Control Plan
- Design Attributes → Quality Control Plan → Component Attributes → Process Operations

No, the answer is incorrect.
Score: 0
Accepted Answers:
- Design Attributes → Component Attributes → Process Operations → Quality Control Plan