Objective Assignment 2

The due date for submitting this assignment has passed. Due on 2021-03-03, 23:59 IST.
As per our records you have not submitted this assignment.

1) What is RPN?  
   - Risk Potential Number  
   - Risk Priority Number  
   - Risk Preference number  
   - Risk Preventive Number
   No, the answer is incorrect.  
   Score: 0  
   Accepted Answers:  
   Risk Priority Number

2) A particular product has been given the following rankings for calculating RPN while preparing FMEA chart, S=10, O=2, D=2. What is the value of RPN?  
   - 20  
   - 10  
   - 40  
   - 2
   No, the answer is incorrect.  
   Score: 0  
   Accepted Answers:  
   40

3) According to common industry scale, what does occurrence ranking (O) 1 indicate?  
   - Not likely  
   - Highly likely
4) Inspection of 20 samples (taken at specific interval of time) for bearing and seal assemblies with subgroup size of 100 is considered and sample data sheet is given below:

<table>
<thead>
<tr>
<th>Sample Number</th>
<th>Number of defective in B &amp; S Assembly</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>7</td>
</tr>
<tr>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>6</td>
</tr>
<tr>
<td>20</td>
<td>8</td>
</tr>
</tbody>
</table>

Which specific type of control chart will you recommend for monitoring the assembly process?

- X-bar & S chart
- c chart
- np chart
- X-bar & R chart

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

5) Which one is correct?

- In a stable process gap between UCL & LCL is always higher than tolerance
- In a stable process gap between UCL & LCL is always lower than tolerance
- There is no relationship between UCL, LCL & tolerance.
- None of the above is correct

No, the answer is incorrect.
Score: 0
Accepted Answers:
There is no relationship between UCL, LCL & tolerance.

6) The output of a process is stable and normally distributed. If the process mean equals 23.5, what percent of output will be smaller than the mean?
7) Within subgroup variation and between subgroup variation are reflected in

- X-bar chart and R chart respectively
- R chart and X chart respectively
- Only R chart reflects both cases
- Only X-bar chart reflects both cases.

No, the answer is incorrect.
Score: 0
Accepted Answers:
R chart and X chart respectively

8) Minimum number of defects to define a defective item is

- One
- Two
- Defect has no relation with Defective
- More than two.

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

9) Quality Improvement projects should be selected from:

- Projects where the root cause is known
- Projects that are management “pet projects”
- Voice of Customer (VOC)
- Projects where there is a lack of data

No, the answer is incorrect.
Score: 0
Accepted Answers:
Voice of Customer (VOC)

10) To form rational-subgroups for an -chart, the goal is to have the samples be as ________ as possible.

- heterogeneous
- homogeneous
- large
- equally spaced

No, the answer is incorrect.
Score: 0
Accepted Answers:
homogeneous
11) Cause and effect diagram is also known as _______

- Fishbone diagram
- Ishikawa diagram
- Effect diagram
- Ishikawa diagram or Fishbone diagram

No, the answer is incorrect.
Score: 0
Accepted Answers:
* Ishikawa diagram or Fishbone diagram