Assignment 7

Due on 2020-09-18, 23:59 IST

1. Sampling Error

a. A 100% inspector is suggested for a task in a company due to the following factors:

b. It is not enumerated.

c. It is an expensive method.

d. It is used when the imperfections are present.

e. All of the above.

2. A Type II error occurs when the process's sigma is very high, while sampling inspection is allowed only when:

a. There is a normal distribution.

b. There is a mixture of distributions.

c. Cost of damaging one of the products not inspected may be very high.

3. The problem of the due process is:

a. Tardiness

b. Inefficiency

c. Inadequate Quality Level

4. A Type II error occurs when the process's sigma is very high, while sampling inspection is allowed only when:

a. There is a normal distribution.

b. There is a mixture of distributions.

c. Cost of damaging one of the products not inspected may be very high.

5. A Type II error occurs when the process's sigma is very high, while sampling inspection is allowed only when:

a. There is a normal distribution.

b. There is a mixture of distributions.

c. Cost of damaging one of the products not inspected may be very high.

6. The shape of the OC curve for a well-designed sampling plan, under the category of the inspector:

a. Sampling ratio

b. Sample size ratio

c. Sample count, sample number

7. A single sampling plan is recommended when:

a. Simple site is small and only one lot to be inspected.

b. Simple site is small and over 20% defects are accepted.

c. There is a denominator present.

8. In a single sampling plan, the error is considered "unbetted" in multiple sampling plans if:

a. Simple site is small and only one lot to be inspected.

b. Simple site is small and over 20% defects are accepted.

c. There is no denominator present.

9. The shape of the OC curve for a well-designed sampling plan, under the category of the inspector:

a. Sampling ratio

b. Sample size ratio

c. Sample count, sample number

10. A single sampling plan is recommended when:

a. Simple site is small and only one lot to be inspected.

b. Simple site is small and 20% defects are accepted.

c. There is no denominator present.

11. In a single sampling plan, the error is considered "unbetted" in multiple sampling plans if:

a. Simple site is small and only one lot to be inspected.

b. Simple site is small and over 20% defects are accepted.

c. There is no denominator present.