ATC Precision Components Pvt Ltd Training effectiveness Test

Topic Date of Evaluation

Name of Trainee Passing score :70%

Please put tick marks on the correct answer from the options given

1) SPC is developed by

1. Dr Walter A Shewhart
2. W Edward Deming
3. Karou Ishikawa
4. Joshep Juran

2) How many types of variations?

1. Three
2. Four
3. two
4. one

3) Which is the example of common cause of variation?

1. Different among machine
2. Little wear and tear of mould over a period of time.
3. None of these

4) Which is the statistics of location or measure of centre tendency?

1. Mean, Median & mode
2. Range, Standard deviations & variance
3. histogram, bar chart, frequency polygon
4. d)None of these

5) What is arithmetic mean?

1. It is the value lies occurs most frequently in the observations of the variate
2. It is the difference between the largest observed value and the smallest observed value
3. Average of all the values of the variate in the sample.
4. None of these

6) What is Range?

1. Average of all the values of the variate in the sample.
2. It is the value that occurs most frequently in the observations of the variate
3. It is the difference between the largest observed value and the smallest observed value
4. None of these

7) If the observe value of 5 samples are 10, 15, 18, 12 & 25. Than what is the mean of these value.

1. 20
2. 16
3. 15
4. 25

8) Which is the example of variable data?

1. Height in MM
2. Good / bad
3. GO/ Nogo
4. None of these

9) Which is the example of attribute date?

1. Pass / fail
2. Dimension in MM
3. Good / bad
4. Both a & c

10. Which is the control chart for attributes?

1. X bar - R chart
2. X-MR/ I-MR chart
3. p/np chart
4. None of these

11) Which is the control chart for variables?

1. X bar -R char:
2. p/np chart
3. c/u chart
4. None of these

12) What is the formula of Upper control limit for average chart?

a) + A2

b) D4

c) – A2

d) (USL – LSL) / 6sigma

13) What is the formula for calculating sigma?

1. (USL – LSL) / 6sigma
2. Rbar /d2
3. D4
4. None of these

14) what is the formula for calculating process capability?

1. USL - / 3 sigma
2. Xmax – X min
3. (USL – LSL) / 6sigma
4. Rbar /d2

15.) In which Condition process is capable?

1. A when LP and Cpk is OK
2. B when CP is ok and CPK is not OK
3. C when LP is Not OK and Cpk is Not Ok
4. None of these

16) which charts is used for propertion defective?

1. U Chart
2. P Chart
3. Np Chart
4. C Chart

17) In which condition p chart is used?

1. Variable sample size
2. b constant sample size
3. both a &b
4. None of these

18) Which charts are used for no. of defects ?

1. P and np
2. C&U
3. X bar chart
4. None of these

Marks obtained Score Status : Trainer Sign: