

Sample Questions for MINI-TAB Examination

1. Which control chart will you use if it is a variable data with subgroup size 7

1. X-bar R chart
2. X-bar S chart
3. p chart
4. np chart

2. Box Cox is available under _____ in Minitab

1. Basic Statistics
2. Non Parametrics
3. Control Charts
4. Multivariate

3. Which of the below is the most ideal Goal statement

1. The goal is to reduce the errors
2. The goal is to reduce the errors by 10%
3. The goal is to reduce the errors by 10% by Sep'14
4. The goal is to improve the errors by 10% by Sep'14 for Maruti Ltd.

4. This graphical test helps in identifying if the data is skewed or normally distributed.

1. Box Plot
2. Stem and Leaf Plot
3. Pareto
4. Histogram

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5. What does DOE stand for

1. Design of Experiments
2. Definition of Experiments
3. Description of Experiments
4. All of the above

6. A run chart having 7 or more points continuously increasing or decreasing indicates

1. Shift
2. Oscillations
3. Mixtures
4. Trends

7. GRR is used for which data type

1. Continuous
2. Discrete
3. A&B
4. All of the above

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8. A histogram with more than two modes is called

1. Multi modal
2. Bi Modal
3. MANOVA
4. Cluster Analysis

9. Which control chart will you use if it is a countable data with same subgroup size for defects

1. I-MR chart
2. np chart
3. X-bar S chart
4. c chart

10. Which of these are not a Measure of Central Tendency

1. Mean
2. Quartile
3. Mode
4. None of the above

Sample Questions for MINI-TAB Examination

11. Which control chart will you use if it is a variable data with subgroup size 1

1. I-MR chart
2. X-bar R chart
3. X-bar S chart
4. p chart

12. Which of the below Graphical analysis helps in finding the process variations

1. Histogram
2. Box Plots
3. Run Chart
4. Scatter Plot

13. Which of the below is a non parametric test

1. Regression
2. 2 tailed 2 sample t test
3. ANOVA
4. Kruskal test

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14. You want to check if the CSAT of Team A is same compared to the Team B. In which case will you reject the Null hypothesis

1. $p = 0.43$

2. $p = 0.047$

3. $p = .54$

4. $p = .19$

15. This analysis always fits the straight line to the data points

1. Correlation

2. Linear Correlation

3. Regression Analysis

4. All of the above

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Correct Answers :

1. 1
2. 31
3. 3
4. 4
5. 4
6. 1
7. 4
8. 1
9. 1
10. 4
11. 4
12. 1
13. 2
14. 4
15. 2
16. 3
17. 4
18. 4
19. 1
20. 4
21. 1
22. 1

Sample Questions for MINI-TAB Examination

23. 4

24. 4

25. 1

26. 2

27. 4

28. 2

29. 3