

STATISTICAL QUALITY CONTROL



Brand: Mehta Solutions

Product Code: case893

Weight: 0.00kg

Price: Rs500

Short Description

STATISTICAL QUALITY CONTROL case study

Description

Multiple choices:

Q1. If in a hall there are 18 persons then how many handshakes are possible?

1. $18*18$
2. $18*17/2$
3. $18*17$
4. None of the above

Q2. If the number of trials be 'n' and the probability of occurrence be 'p' then the standard deviation with respect to np, is given by:

1. $(np)^{1/2}$

2. $(np(1-p))^{1/2}$

3. $(np)^{1/4}$

4. $(np(1-p))^{1/4}$

Q3. For a biased coin the probability of occurrence of head is 0.4 ,if the coin is tossed twice then the probability of occurrence of at least one head will be:

1. **0.76**

2. **0.48**

3. **0.64**

4. **0.16**

Q4. Factorial of 5 equals:

1. **60**

2. **120**

3. **24**

4. **5**

Q5. Combinatory of (4,2) equals:

1. **12**

2. **8**

3. **6**

4. **None of the above**

Q6. 'Economic Control of Quality of Manufactured Product', a book by Walter A Shewhart in:

1. 1931
2. 1941
3. 1930
4. 1956

Q7. Quality is judged by.....

1. Retailer
2. Government
3. Customer
4. Hole seller

Q8. A run chart is a special chart of.....

1. Pie chart
2. Line chart
3. R chart
4. C chart

Q9. Universes may differ :

1. In average
2. In above average

3. **At higher level**
4. **All of the above**

Q10. ASQC and ANSI began in the year:

1. **1956**
2. **1976**
3. **1978**
4. **1960**

Part Two:

1. **Differentiate between 'Defect' and 'Defective'.**
2. **Explain the need of 'short method'.**
3. **What does 'Tchebycheff's inequality theorem' say?**
4. **Explain the usability of 'stochastic limit'.**
5. **Write a note on 'Cause and Effect' diagram.**

1. **What marketing strategy should RSL adopt to remain competitive in the international market?**
2. **Has the company taken the right decision to forward integrate and enter into the highly volatile garment market?**
3. **How could have the SQC approach, been useful in solving the immediate problems of Japan?**
4. **If you were among one of the management members, what would have been your first insight.**
5. **A sample of 30 is to be selected from a lot of 200 articles. How many different samples are possible?**

6. In Dodge's CSP-1, it is desired to apply sampling inspection to 1 piece out of every 15 and to maintain an AOQL of 2%. What should be the value of i ?

Details

1. Case study solved answers

2. pdf/word

3. Fully Solved with answers