



## NCQC 2019 Pre Evaluation Criteria & Marks Breakup

### A. Pre-Evaluation of QC Case Studies – Marks Breakup

1. Identification of Problems --	5
2. Selection of Problem --	5
3. Define the Problem --	10
4. Analysis of problem --	10
5. Find out Causes --	10
6. Root Cause Analysis --	5
7. Data Analysis on Root Causes --	10
8. Development of solution --	15
9. Foreseeing probable resistance --	5
10. Trial Implementation and check performance --	10
11. Regular implementation --	10
12. Follow up & Review --	5

### B. Allied Concepts – Kaizen / LQC / Six Sigma / SMED – Marks Breakup

1. Selection of Problem --	5
2. Define the problem --	15
3. Measurement of data on problem/problem analysis –	20
4. Analysis of the problem for root causes --	20
5. Implementation of the problem –	20
6. Tangible / Intangible Gains --	10
7. Control/follow-up --	10

### C. Allied Concepts – 5S – Marks Breakup

1. Selection of Area/Problem --	5
2. Present Status --	15
3. Steps taken to implement 1s & 2s --	20
4. Standardization steps taken –	20
5. Tangible Gains interms of money, space, safety, time etc. and Intangible gains --	20
6. Follow up & stabilization --	10
7. Any special activities taken –	10

\*Appropriate photographs where ever applicable should be included

## NCQC 2019 Total Marks Breakup

Pre –Evaluation Case Study 100 Marks

Oral Presentation 50 Marks

Knowledge Test 50 Marks