

NCQC 2022

Knowledge Test

PRACTICE PAPER – 03

13th Dec 2022

For Quality Circle Teams Participating in NCQC 2022

Designed by:

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NCQC Knowledge Test _ Practice Paper No. 03

Among 20 questions please consider ~ 4 numerical, 3 typical common sense related, and 3 on different topics (other than QC)

- 1) In Quality Circle after which step, the QC team can select the next problem?
 - a. Step No. 8
 - b. Step No. 10
 - c. Step No. 11
 - d. Step No. 12
- 2) A graphical presentation of the relationship between two variables is known as
 - a. Pareto Diagram
 - b. Cause & Effect Diagram
 - c. Line Graph
 - d. Scatter Diagram
- 3) In the "Root Cause Analysis" step in the problem-solving, Quality Circle follows:
 - a. Why-Why analysis
 - b. Validation of causes
 - c. Pareto Analysis
 - d. Stratification
- 4) As per Shewhart, the variation in the process is due to
 - a. Chance Cause
 - b. Assignable Cause
 - c. Both Chance and Assignable cause
 - d. None of them
- 5) Calculate the value of Sigma of a process, if the value of $A_2\bar{R} = 3.3$, the value of $A_2 = 0.577$, and $\bar{X} = 75.2$.
 - a. 3.3
 - b. 9.9
 - c. 1.1
 - d. None of above
- 6) Which one of the following charts is not an Attribute Control Chart?
 - a. X-R Chart
 - b. Number of Defective np Chart
 - c. Percentage Defective p Chart
 - d. Number of Defects c Chart
- 7) In Brainstorming
 - a. Quality is more important than Quantity
 - b. Quantity is more important than Quality
 - c. Quality and Quantity both are important
 - d. Both are not important
- 8) The decision symbol in a Flow Diagram is shown by
 - a. Circle
 - b. Rectangle
 - c. Diamond
 - d. Arrow
- 9) QC Register is maintained by
 - a. Leader
 - b. Facilitator
 - c. Coordinator
 - d. Member
- 10) Most preferably Quality Circle should meet
 - a. Whenever they need
 - b. When they are ready
 - c. Once a fortnight
 - d. Once a week

11) Expand the following abbreviation - CWQC

- a. Country Wide Quality Circle
- b. Company Wide Quality Circle
- c. Country Wide Quality Control
- d. Company Wide Quality Control

12) Which one is not the characteristic of an effective meeting?

- a. Openness
- b. Conflict on ideas, not between persons
- c. Constructive criticism
- d. Pressure on all members

13) Who introduced the Poka-Yoke technique of Error Proofing

- a. Dr. Shigeo Shingo
- b. Dr. J. M. Juran
- c. Dr. W. E. Deming
- d. Dr. Genichi Taguchi

14) What is the most appropriate team size for Quality Circle

- a. 3
- b. 5
- c. 8
- d. None of them


15) The Histogram is not used for

- a. Showing the relationship between two variables
- b. To know the pattern of variation
- c. To assess conformance to specification
- d. To assess conformance process capability

16) In 5S System "Sorting Out" belongs to

- a. SEIRI
- b. SEITON
- c. SEISO
- d. SEIKETSU
- e. SHITSUKE


17) The meaning of GEMBUTSU is

- a. Problem
- b. Shop floor
- c. Real Thing
- d. Real Fact

18) MUDA stands for

- a. Waste
- b. Unevenness
- c. Overburden
- d. Defect

19) Which one belongs to elementary statistical methods (7 QC Tools)?

- a. Brain Storming
- b. Scatter Diagram
- c. Tree Diagram
- d. Flow Diagram


20) In Why-Why analysis how many times we should ask Why?

- a. 3
- b. 5
- c. 7
- d. None of them

Designed By	Dinesh Sharma	Mobile	9589004005	Total Marks	50
Date	13 th Dec 2022	e-mail ID	dinesh@ekpahlakadam.com	Duration	20 minutes

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Answer Sheet

Participant Name:

Circle Name:

Q. No.	Answer	Description	Marks
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Total Marks			

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Answers

Q. No.	Answer	Description
1	b	Step No. 10
2	d	Scatter Diagram
3	b	Validation of causes
4	c	Both Chance and Assignable cause
5	c	1.1
6	a	X-R Chart
7	b	Quantity is more important than Quality
8	c	Diamond
9	a	Leader
10	d	Once in a week
11	d	Company Wide Quality Control
12	d	Pressure on all members
13	a	Dr. Shigeo Shingo
14	d	None of them
15	a	Showing relationship between two variables
16	a	SEIRI
17	c	Real Thing
18	a	Waste
19	b	Scatter Diagram
20	d	None of them

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