

NCQC 2022 Knowledge Test

PRACTICE PAPER - 01

For Quality Circle Teams Participating in NCQC 2022

Designed by:

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NCQC Knowledge Test _ Practice Paper No. 01

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

1) The basic idea of the Deming Wheel came from

- a. Dr. W. E. Deming
- b. Dr. W. A. Shewhart
- c. Dr. J. M. Juran
- d. Dr. A. V. Feigenbaum

2) What is the primary objective of Quality Circle?

- a. Keep employee occupied
- b. Higher profit
- c. Self and mutual development of employees
- d. Solve the problem

3) In which year Quality Circle was born in Japan?

- a. 1950
- b. 1959
- c. 1982
- d. 1962



4) Who assists the Quality Circle in conducting a meeting?

- a. Facilitator
- b. Coordinator
- c. Leader
- d. Member

5) The member who asks wild questions in the Quality Circle meeting is jocularly called as a

- a. Monkey
- b. Porcupine
- c. Giraffe
- d. Fox

6) The symbol  is called

- a. Connector
- b. Decision
- c. Activity
- d. Terminal



7) The symbol  is called

- a. Decision
- b. Database
- c. Connector
- d. Document

8) The structured method of brainstorming is known as

- a. Round Robin Method
- b. Slip Method
- c. Free Wheeling
- d. Hitch-hiking process

9) Attribute data are in

- a. Whole Number
- b. Fraction
- c. Decimal
- d. All the above



10) Who divided the four steps of the PDCA Wheel into six?

- a. Dr. W. E. Deming
- b. Dr. W. A. Shewhart
- c. Dr. J. M. Juran
- d. Dr. K. Ishikawa

- 11) In the XBar-R chart, for a subgroup of 5, what will be the value of $LCL_{\bar{X}}$ if \bar{X} is 35.5 grams? The value of sigma is 1.5 and the value of $A_2 = 0.577$
- 3.1
 - 31
 - 32.5
 - 34
- 12) What type of graph Pareto is?
- Bar Graph
 - Pie Graph
 - Compound Graph
 - Line Graph
- 13) Even though C&E Diagram is a verbal tool it has been recognized as a statistical tool by
- JSI
 - JUSE
 - JIPM
 - Kei Dan Ren
- 14) Which type of Control Chart is not for Attribute Data?
- p-chart
 - np-chart
 - X-R Chart
 - C Chart
- 15) What should be the recommended number of classes for 627 observations for frequency distribution for making a histogram?
- 8
 - 9
 - 10
 - 11
- 16) Which theory considers that work is as natural as play if it is associated with recognition?
- McGregor's Theory Y
 - Maslow's Theory
 - Elton Mayo's Theory
 - Fredrick Herzberg Hygienic Factor
- 17) For planning which activity chart will be better
- Milestone Chart
 - Gantt Chart
 - Either a or b
 - Gantt chart will not be used
- 18) In the context of Brainstorming, the ability to look into the future is known as
- Drive
 - Fluency
 - Awareness
 - Flexibility
- 19) Which one is not used for the selection of problems?
- Priority Number
 - Ranking Method
 - Pareto Analysis
 - Gantt Chart
- 20) Which type of graph is more suitable for observing the trends?
- Bar Graph
 - Radar Chart
 - Belt Graph
 - Line Graph

Designed By	Dinesh Sharma	Mobile	9589004005	Total Marks	50
Date	11 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
1			
2			
3			
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19			
20			
Total Marks			

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Answers

Q. No.	Answer	Description
1	b	Dr W. A. Shewhart
2	c	Self and mutual development of employees
3	d	1962
4	a	Facilitator
5	d	Fox
6	d	Terminal
7	b	Database
8	a	Round Robin Method
9	a	Whole Number
10	d	Dr. K Ishikawa
11	b	31
12	c	Compound Graph
13	a	JSI
14	c	X-R Chart
15	c	10
16	a	McGregor's theory Y
17	c	Either a or b
18	c	Awareness
19	d	Gantt Chart
20	d	Line Graph

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