



NATIONAL INSTITUTE OF FASHION TECHNOLOGY  
 (Common Examination Board)  
 (End Term Exam- Session July-December, 2016)  
 Subject - Apparel Quality Management, BFT-V


Time: 03 hours

Max Marks: 100

PART A

Q 1. Fill in the blanks

15 X 1Mark = 15 Marks

- a. Loosely attached button in kid's garments is \_\_\_\_\_ defect.
- b. The book "Quality is Free" is written by \_\_\_\_\_.
- c. \_\_\_\_\_ is a Japanese tool for small but incremental changes in daily business life.
- d. ISO standards fall under \_\_\_\_\_ type of standard.
- e.  is the symbol for \_\_\_\_\_.
- f. Cause & effect diagram is also known as \_\_\_\_\_ diagram after a Japanese quality expert who came up with this concept.
- g. 

0
40

 is the symbol for \_\_\_\_\_.
- h. The \_\_\_\_\_ system uses words with a few symbols to describe the care instructions.
- i. \_\_\_\_\_ is nothing but a histogram where a number of occurrences of an event are arranged in descending order.

- j. \_\_\_\_\_ is a quality characteristics that is either present or absent. It assumes sum of 2 values conforming or not conforming, within tolerance or out of tolerance complete or incomplete, satisfied or not satisfied
- k. Six sigma was first implemented in the organization \_\_\_\_\_.
- l. TOP samples are made by \_\_\_\_\_ department.
- m. \_\_\_\_\_ & \_\_\_\_\_ publicized the concept of balance score card.
- n. House of quality control concept comes under \_\_\_\_\_.
- o. The \_\_\_\_\_ attribute control chart is for the fraction of defective items in a sample.

**Q 2. Match the following**

**15X1Mark = 15 Marks**

- |   |                                 |
|---|---------------------------------|
| a. Higher Quality                         | -Safety hazard                  |
| b. Guilds                                 | -Care Labeling                  |
| c. Initial Trilogy Activity               | -Decentralized manufacturing    |
| d. Scientific Management                  | -Affinity diagrams              |
| e. Pictorial representation               | -Control chart                  |
| f. UCL                                    | -Flowcharts                     |
| g. Verbal Data                            | -F.W Taylor                     |
| h. Subcontractor                          | -Quality planning               |
| i. ASTM D5489-96c                         | -Trade Unions                   |
| j. Drawstrings at neck in children's wear | -Secure Premium Prices          |
| k. Environmental obligations              | -Count of nonconformities chart |
| l. Shitsuke                               | -ISO:14001:1996                 |
| m. Wage slip in local language            | -Waste                          |
| n. Over production                        | -Compliance                     |
| o. c Chart                                | -Sustain                        |

### PART B

**Q 3. Write short notes on any eight**

**8X5Marks = 40Marks**

- a) Quality Circle
- b) Pareto chart
- c) Juran's Trilogy
- d) Concept of Big. Q
- e) Need for care labels
- f) Scatter Diagram
- g) Financial effects of quality.
- h) Histogram
- i) Itoh model
- j) Broken Needle policy
- k) Ishikawa Diagram

### PART C

**Q 4. Answer any three**

**3X10Marks = 30 Marks**

- a. What are the requirements of care labeling? Compare Canadian care label system with Japanese care label system.
- b. Explain Strategic Deployment
- c. Describe the product safety in Children's upper outerwear with Drawstrings.
- d. Explain statistical process control and statistical quality control.
- e. Explain Process capability model for sewing.