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NATIONAL INSTITUTE OF FASHION TECHNOLOGY
(Common Examination Board)
(End Term Exam- Session July- Dec-2014)

Subject – Apparel Quality Management, BFT - V

Time: 3.0 hours

Max. Marks: 100

Part A

1. Match the following:

(5 marks)

- | | |
|----------------------|--|
| i. Fitness to use | a. Worldwide Responsible Apparel Production. |
| ii. OSHA | b. any deviation from work standards, practices, procedures, etc |
| iii. Non-Conformance | c. Total Quality Management |
| iv. TQM | d. Occupational safety and health administration |
| v. WRAP | e. Quality |

2. Elaborate the following abbreviations

(10 marks)

i. ISO	vi. COQ
ii. QFD	vii. CPSC
iii. FMEA	viii. AOQL
iv. JIT	ix. SQC
v. CTQ	x. PDCA

3. Answer the following

(15 marks)

- i. Cause and effect diagram is also known as _____ diagram after a Japanese quality expert who came up with this concept.
- ii. _____ is a histogram where a number of occurrences of an event are arranged in descending order
- iii. Data that can be measured on a continuous scale such as a thermometer, a weighing scale, or a tape is defined as
- iv. _____ is an example of prevention cost
- v. _____ is a Japanese tool for small but incremental changes in daily business life.
- vi. If the variation in process quality is due to _____ causes alone, the process is said to be in-control.
- vii. The objective of benchmarking is to fill the _____ gap.
- viii. Fabricators in decentralized manufacturing are good at manual value addition.
True/False



- ix. To establish quality goals is a part of quality control- True/False
- x. Relationship diagram is also known as Pareto Chart-True/False
- xi. Internal and External failure costs are also known as costs of _____
- xii. Strategic Deployment is defined as _____
- xiii. The three elements of Juran's Trilogy are _____, _____ & _____.

PART B

(6*5 marks=30 marks)

Write Short Notes on ANY 6 of the following

- i. Benchmarking for Quality
- ii. Steps in Quality Planning
- iii. Feedback loop for quality control
- iv. Scatter diagrams
- v. Quality Circle
- vi. Impediments to Quality Improvement Process
- vii. Comparison between Little Q and Big Q
- viii. 5S in apparel manufacturing

PART C

(4*10 marks=40 marks)

Answer the following -ANY 4

1. Companies that were successful in their quality initiatives made use of numerous strategies. Analysis shows that despite differences among the companies, there was much commonality—a lengthy list of strategies was common to most of the successful companies. List down some common strategies used by companies which “moves quality to center stage.”
2. What is Quality Maturity grid as per Philip Crosby; explain the five stages of quality maturity grid.
3. What are seven new tools quality control? Explain any 2 tools in detail in context of apparel manufacturing.
4. Explain the concept of lean manufacturing and it's significance in apparel manufacturing.
5. There is a symbiotic relationship between CSR, Quality and productivity. Explain the statement and also explain the various tenets of social compliance in apparel industry.
6. As per Juran's Quality Planning Process-A) What are the 2 different types of customers? B)What are the different types of customer needs? C)What are the sources through which customers' needs can be collected?

