



Register Number:.....

**B.TECH DEGREE EXAMINATIONS: NOV/DEC 2014**

(Regulation 2009)

Seventh Semester.

**FASHION TECHNOLOGY**

FTY120: Quality Assurance In Apparel Production

**Time: Three Hours**

**Maximum Marks: 100**

**Answer all the Questions:-**

**PART A (10 x 1 = 10 Marks)**

1. AQL is expressed in
  - a) Percentage
  - b) No of defectives
  - c) No of defects
  - d) Points
2. If a product is received from new supplier, ----- is preferred
  - a) Sample inspection
  - b) Arbitrary sampling
  - c) 100% inspection
  - d) Statistical sampling
3. C chart is suitable for
  - a) defects
  - b) measurement deviation
  - c) defectives
  - d) cut parts
4. Which is INCORRECT statement with respect to TQM?
  - a) Management involvement is important
  - b) Treat suppliers as partners for quality
  - c) Focus on Continues improvement
  - d) Good Housekeeping
5. Oeko tex 100 is for
  - a) product
  - b) product and process
  - c) process
  - d) Organic product
6. Recommended Colour fastness level for medium coloured knit fabric is
  - a) 2
  - b) 4
  - c) 3
  - d) 5
7. Shade variation between sleeves is-----defect

- a) critical
  - b) major
  - c) minor
  - d) conditionally acceptable
8. The points allotted for a defect of length 3 to 6 inches in 4 point system is
- a) 1
  - b) 2
  - c) 3
  - d) 4
9. Tolerance for half waist length of men's shorts is
- a) 1/4"
  - b) 1/8"
  - c) 1/2"
  - d) 1"
10. Testing charges paid to SITRA, SGS and Intertek is classified as
- a) Product cost
  - b) Prevention cost
  - c) Failure cost
  - d) Appraisal cost

**PART B (10 x 2 = 20 Marks)**

11. What do you mean by arbitrary sampling?
12. Differentiate defect and defective.
13. Who are the members of Quality Circle?
14. How will you grade a stain at shirt collar and contamination at back bottom of shirt?
15. What is GOTS?
16. Differentiate standards and specifications.
17. Differentiate critical, major and minor defects with examples.
18. Calculate total points for 4 defects of 4" length in a fabric roll according to four point system.
19. Mention some defects in zippers
20. What is the tolerance limit for measurement at chest and sleeve length of shirt?

**PART C (5 x 14 = 70 Marks)**

21. a) What is AQL? Explain how it is used at final inspection of garments.

**(OR)**

- b) (i) Differentiate quality control and quality assurance. (7)
- (ii) Explain the different types of inspection methods. (7)

22. a) Explain in detail about the types of control charts and its application in apparel industry.

**(OR)**

- b) (i) What are the seven basic QC tool? Explain (7)
- (ii) State the need for ISO and list out its elements (7)

23. a) List out the different international organizations involved in specifying garment standards and explain their role and functions to ensure quality garment production.

**(OR)**

- b) Assuming yourself as QA manager, prepare standard performance specifications for knitted women's wear.

24. a) Briefly explain four point system and 10 point system of fabric inspection.

**(OR)**

- b) If you are employed in QA department, what quality control measures will you initiate at spreading and cutting department of garment manufacturing industry?

25. a) What is COQ? Explain the different types of it with suitable example from apparel industry.

**(OR)**

- b) Summarize the inspection and testing methods applicable for trims and accessories used for mass production of garments.

\*\*\*\*\*