

**B.TECH. DEGREE EXAMINATIONS: NOV/DEC 2010**

Seventh Semester

**TEXTILE TECHNOLOGY**

U07TT702: Process and Quality control in fabric and Garment Manufacture

**Time: Three Hours**

**Maximum Marks: 100**

**Answer ALL the Questions:-**

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

1. Lot by lot inspection is also known as \_\_\_\_\_  
a) Process inspection    b) Screening inspection    c) 100% inspection    d) Sampling inspection
2. AQL can be determined by using the \_\_\_\_\_  
a) bar chart            b) OC curve            ) OCM curve            d) AQ curve
3. QMS means \_\_\_\_\_  
a) Quality management system            b) Quick mastering system  
c) Quality management software            d) A and C
4. One of the principal aims of TQM is to limit errors to \_\_\_\_\_  
a) 1 per 1 million units produced    b) B. 2 per 1 million units produced  
c) 1 per 2 million units produced    d) 1 per 10 million units produced
5. Compare to group system of production, straight line system have \_\_\_\_\_.  
a) more production    b) less production    c) same    d) huge production
6. FMS in garment industry mean \_\_\_\_\_.  
a) Flat manufacturing system            b) Fully making system  
c) Flexible manufacturing system            d) Fast making system
7. What instrument is used to test rubbing fastness?  
a) Crock meter    b) Pilling test    c) Laundro meter    d) Dape tester
8. Barre defects in knitting are produced by \_\_\_\_\_.  
a) Needle breake    b) Uneven take up    c) Gating of needle    d) Stitch cam setting
9. Trade mark is a kind of \_\_\_\_\_.  
a) Safety            b) Barrier            c) Right            d) Both A & C
10. What is the tolerance limit for knitted garment?  
a)  $\pm 5\%$             b)  $\pm 10\%$             c)  $\pm 20\%$             d)  $\pm 25\%$

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

11. Define quality.

12. What is the need of Quality control?
13. What is the need of SPC?
14. What are the different Types of quality?
15. What are the different Stages of quality control?
16. What is the importance of scheduling?
17. Write the importance of maintaining record.
18. Name some Sewing defects that normally produced during garment manufacturing.
19. Name some quality control and inspection agencies.
20. Write the importance of tolerance for finished garments.

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

21. a) Write in detail about quality control system and its necessity.

**(OR)**

- b) Explain about fabric inspection and types of inspection system.

22. a) Explain the eight dimensions of quality.

**(OR)**

- b) Explain about total quality management.

23. a) For bulk order what type of production system is suitable .Explain your answer.

**(OR)**

- b) What is the use of grid charts and give the product flow process grid construction for T-shirt.

24. a) Explain in detail about quality control in pattern making and spreading department.

**(OR)**

- b) Write in detail about quality check in fully finished fabric.

25. a) What are the functions of AEPC?

**(OR)**

- b) Explain about Standards for Carton packing.

\*\*\*\*\*