

Name : .....

Roll No. : .....

Invigilator's Signature : .....

**CS/B.Tech(APM)/SEM-5/APM-505/2009-10  
2009**

**QUALITY ASSURANCE IN APPAREL INDUSTRY**

Time Allotted : 3 Hours

Full Marks : 70

*The figures in the margin indicate full marks.*

*Candidates are required to give their answers in their own words  
as far as practicable.*

**GROUP – A**

**( Objective Type Questions )**

1. Answer *all* the following questions : 10 × 1 = 10
- a) Name any two yarn faults.
  - b) Name any two knitted fabric defects.
  - c) Name the instrument used to test single yarn strength.
  - d) Name any two essential garment specification.
  - e) Name any two yarn quality parameters to be tested before using in fabric making.
  - f) What is colour fastness ?



- g) What is the twist used in stitching thread ?
- h) What is the ply of yarn used in stitching thread ?
- i) Name two different Organizations involved in Textile material standardizations.
- j) What is barre in the knitted fabric ?

**GROUP – B**

**( Short Answer Type Questions )**

Answer any *three* of the following.  $3 \times 5 = 15$

- 2. What is the difference between Quality Control and Quality Assurance ? Draw a process flow-chart for sample preparation in apparel industry.
- 3. Define rubbing and saliva fastness properties of garment. What are the most essential garment specifications ?
- 4. What are the different causes of
  - a) fabric defect
  - b) garment defect
  - c) stitching defect ?



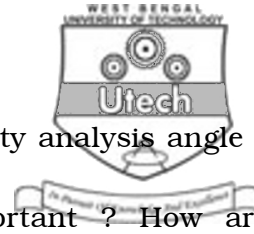
5. What are different kinds of stitching used in apparel industry ? Describe them in detail.
6. What is spirality ? How do we measure it ? What are the different steps for fabric processing ?

**GROUP - C**

**( Long Answer Type Questions )**

Answer any *three* of the following.  $3 \times 15 = 45$

7. What are the fabric inspection systems ? How are fabric selected or rejected in different inspection systems ? Mention the points given in both the 4-point & 10-point systems for various faults.
8. Define quality. What are the different activities involved in quality assurance ? Draw a "Quality Assurance Model" and describe it.
9. What are trims and accessories ? Mention at least commonly used six different trims and accessories and their detail quality aspects & parameters.



10. How can stitching be classified from quality analysis angle ?  
Why is maintaining measurement important ? How are measurements maintained by stitching ? How can stitching be used to make the style ? Explain importance of stitching in fixing trims and accessories.
11. Describe garment checking procedure. What are the most common garment defects ? Describe categorically. Give probable remedies for any two garment defects.
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