



Name : .....

Roll No. : .....

Invigilator's Signature : .....

**CS/B.Tech (APM)/SEM-5/APM-505/2010-11**

**2010-11**

**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.*

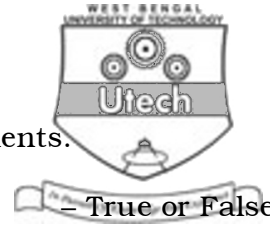
**GROUP – A**

**( Very Short Answer Type Questions )**

1. Answer *all* the following questions : 10 × 1 = 10

- i) Name the instrument used to test yarn evenness.
- ii) Name any two knitted fabric defects.
- iii) Name the instrument used to test single yarn strength.
- iv) Name any two essential garment specifications.
- v) Name any two yarn quality parameters to be tested before using in fabric making.
- vi) What is saliva fastness ?

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vii) Higher twist is better for knitted garments.

- True or False

viii) Four-point fabric inspection method is applied for woven fabric.

- True or False

ix) What is the full form of ISO ?

x) Piling is a fabric fault.

- True or False

### GROUP – B

#### ( Short Answer Type Questions )

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

2. How is Quality Assurance System better than Quality Control ?
3. Define washing and crocking fastness properties of garment.
4. Draw a process of flow-chart for knitted fabric preparation.
5. What is the most essential garment specifications required before starting garmenting ?
6. What is fabric twisting ? Why is it essential to measure ?
7. What are the different steps for fabric processing ?
8. What do you understand by trims and accessories ? Give examples.



**GROUP – C**

**( Long Answer Type Questions )**

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

9. Why is fabric inspection important ? What are the available fabric inspection systems ? Mention the points given in both the four-point & ten-point systems for various faults.  
 $3 + 4 + 4 + 4$
10. Define quality with holistic perspective and customer perspective ? What are the different activities involved in quality assurance ? Draw a “Quality Assurance Model” and describe it.  
 $3 + 3 + 3 + 6$
11. Why are trims and accessories used in apparel industry ? Mention at least commonly used six different trims and accessories and their detail quality aspects & parameters.  
 $3 + 4 + 8$
12. Classify stitches 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.  
 $3 + 2 + 2 + 3 + 5$
13. Define garment checking procedure. What are the most common garment defects ? Describe categorically. Give probable causes and remedies for any one garment defect.  
 $3 + 6 + 6$
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