

Roll No.

Total No. of Pages : 02

Total No. of Questions : 07

B.Sc. (TD) (2014 & Onwards) (Sem.-4)

FABRIC QUALITY ANALYSIS

Subject Code : BScTD-401

M.Code : 72306

Time : 3 Hrs.

Max. Marks :60

INSTRUCTION TO CANDIDATES :

1. **SECTION-A is COMPULSORY** consisting of **FIFTEEN** questions. Each question carries **TWO** marks.
2. **SECTION-B** contains **SIX** questions carrying **TEN** marks each and students have to attempt any **THREE** questions

SECTION-A

1. **Attempt all questions in brief :**
 - a. Direct system of yarn count
 - b. State any two advantages of yarn count
 - c. State the impact of yarn count on the cost of the fabric
 - d. EPI
 - e. Crimp
 - f. GSM
 - g. Fabric cover
 - h. How to measure fabric weight?
 - i. State any two importance of fabric cover
 - j. Bowness of a fabric
 - k. Drafting plan

1. State any two defects of woven fabric
- m. Importance of fabric inspection
- n. Quality control
- o. State any two examples of light weight fabric.

SECTION-B

2. What do you mean by yarn number? How is it measured?
3. Discuss in detail the importance of yarn count and explain its impact on cost and performance of a fabric.
4. What do you understand by crimp? How is it calculated? Elaborate with the help of an example.
5. Discuss in detail the various methods used to express fabric weight in global market. Also elaborate on the classification of fabric in terms of its weight.
6. What do you understand by cover and how is it calculated? Define weft and warp cover.
7. What do you understand by Weave analysis? Discuss in detail.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.