

Roll No.

Total No. of Pages : 02

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**B.Sc. (TD) (2013 & Onwards) (Sem.-4)**

**FABRIC QUALITY ANALYSIS**

Subject Code : BScTD-401

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**

**Q1.** Attempt all questions in brief :

1. What is yarn count?
2. What is warp yarn?
3. What is GSM?
4. What is a woven fabric?
5. What is a twill weave?
6. What is crimp?
7. What is a Beasley Balance?
8. What is a light weight fabric?
9. What is a denier?
10. Define a loom.
11. What is skewing of a fabric?

12. What is fabric inspection?
13. What is a selvedge?
14. What is a tape?
15. What is EPI?

### **SECTION-B**

- Q2. What is weaving? Discuss the various types of weaves.
- Q3. Discuss the various defects of woven fabrics in detail.
- Q4. Discuss the direct yarn numbering system along with units used in it.
- Q5. What is fabric cover? Discuss its importance and method of calculating it.
- Q6. Discuss the various types of reeds. How reed width is calculated?
- Q7. Discuss the various methods of expressing fabric weight in global markets.

**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.**