Roll No. ☐☐☐☐☐☐☐☐☐☐☐☐   **Total No. of Pages : 02**

Total No. of Questions : 07

B.Sc. (TD) (2013 & Onwards) (Sem.–4)
FABRIC QUALITY ANALYSIS
Subject Code : BScTD-401
Paper ID : [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. **Answer briefly :**

   a) What are Yarn numbering systems?

   b) Elaborate AATCC.

   c) Define Skew in fabric.

   d) How will you determine Dimensional change of the garment?

   e) How will you determine colourfastness to laundering?

   f) Define Tex.

   g) Define crease recovery.

   h) Define GSM.

   i) Define Crimp.

   j) Colour matching cabinet.

   k) Name two test for measuring strength of fabric.

l) How do you measure GSM of fabric?

m) Testing of rubbing fastness.

n) Difference between Z and S twist.

o) Classification of fabric according to weight.

SECTION-B

2. How will you determine Tensile strength test?

3. Explain the use of Beasley balance and its working.

4. How do we calculate crimp of fabric?

5. How will you determine Bursting strength test?

6. Give defects of woven fabrics and causes.

7. How will you calculate reed width and tape length?