

**Roll No.**

**Total No. of Pages : 02**

**Total No. of Questions : 07**

**B.Sc. (Textile Design) (Sem.-4)**

## FABRIC QUALITY ANALYSIS

**Subject Code : BSTD-401-20**

**M.Code : 91773**

**Date of Examination : 20-12-2022**

**Time : 3 Hrs.**

**Max. Marks : 30**

**INSTRUCTIONS TO CANDIDATES :**

1. **SECTION-A** is **COMPULSORY** consisting of **FIFTEEN** questions carrying **ONE** marks each.
2. **SECTION-B** contains **SIX** questions carrying **FIVE** marks each and students have to attempt any **THREE** questions.

## SECTION-A

**1. Write briefly :**

- (a) Direct Yarn numbering system
- (b) Yarn count.
- (c) EPI
- (d) GSM
- (e) Warp
- (f) Weft
- (g) Reed width
- (h) Tape Length
- (i) Bow
- (j) Weaving
- (k) Pick Glass

- (l) Quality
- (m) Fabric defect types
- (n) PPI
- (o) Beasley Balance

### **SECTION-B**

2. What do you mean by measure yarn numbering system and how it is measured?
3. Explain yarn count affect the cost and performance of fabrics.
4. Explain with the help of an example to calculate crimp.
5. Explain various methods used to express fabric weight. Classify the fabric in terms of Weight.
6. Explain the way to calculate tape length and reed width.
7. Discuss 10 point fabric inspection system.

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