Roll No……..….. **Total No. of Printed Pages: 1**
Total No. of Questions: [09]

B. Tech (Textile Engineering) (Semester – 6th)
PROCESS CONTROL IN TEXTILES
Subject Code: BTEXS1-602
Paper ID: [18112628]

Time: 03 Hours **Maximum Marks: 60**

Instruction for candidates:

1. Section A is compulsory. It consists of 10 parts of two marks each.
2. Section B consist of 5 questions of 5 marks each. The student has to attempt any 4 questions out of it.
3. Section C consist of 3 questions of 10 marks each. The student has to attempt any 2 questions.

Section – A **(2 marks each)**

Q1. Attempt the following:

a) Define Yarn Realisation.
b) What is concept of mixing.
c) Define the term work load
d) Explain the difference between Process wastes and Product waste
e) Describe yarn package defects?
f) What are causes of higher end breakage rate in ring flame, briefly explain?
g) Define the various yarn faults.
h) What are the causes of roller lapping in drawing?
i) Name the defects in warping.
j) Name sizing defects.

Section – B **(5 marks each)**

Q2. What are Approaches to process control in Warping
Q3. Explain uster classimate yarn faults
Q4. How we can optimized the comber waste
Q5. What is Concept and method of bale management
Q6. Explain how to conduct a Snap Study in Loom Shed?

Section – C **(10 marks each)**

Q7. What is Machine Audit? Who does this? Why is it done?
Q8. Explain the types of yarn faults & causes and the remedies. Explain the types of yarn faults & causes and the remedies.
Q9. State the fabric defects with their causes and remedies for the defects.