

Subject Code:2142902

Date:20/05/2019

Subject Name: Weaving Technology-I

Time:02:30 PM TO 05:00 PM

Total Marks: 70

Instructions:

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

- Q.1 (a) State the objects of winding. **03**
 (b) Enlist feature of sectional warping machine. **04**
 (c) Explain operation of two-cylinder slasher sizing machine with neat sketch. **07**
- Q.2 (a) State the function and classification of tensioner. **03**
 (b) State objects of warping and give its Classification. **04**
 (c) Explain passage of material through pirn winding machine with diagram. **07**
- OR**
- (c) Explain with a neat sketch unifil loom winder. **07**
- Q.3 (a) Explain importance of anti-patterning device. **03**
 (b) Compare random and precision winding machine. **04**
 (c) Explain working principle of winding machine with suitable diagram. **07**
- OR**
- Q.3 (a) Explain in brief, Uster Classimat faults. **03**
 (b) Explain various disc type tensioner with neat sketch. **04**
 (c) Write short note on yarn clearer. **07**
- Q.4 (a) Explain knotting operations. **03**
 (b) Explain any four, different types of creel used warping. **04**
 (c) Describe the working principle of Sectional warping with suitable diagram. **07**
- OR**
- Q.4 (a) State the object of Sizing. **03**
 (b) What is Size recipe? Explain briefly. **04**
 (c) Discuss the various ingredients used in size recipe. **07**
- Q.5 (a) What are the functions of Adhesive in sizing **03**
 (b) Explain modern size box with diagram. **04**
 (c) Describe the modern developments & features of sizing machine **07**
- OR**
- Q.5 (a) State any three recent development of modern winder. **03**
 (b) Describe splicing with neat sketch. **04**
 (c) Write short note on drawing-in operation. **07**
