3. Attempt any two parts of the following:
   (a) Why winding of yarn is done? Describe with a neat sketch working of Automatic cone winding machine.
   (b) Name different types of sizing machines with the principles of working.
   (c) Append a recepie used for medium sizing of cotton yarn.

4. Attempt any two parts of the following:
   (a) What are different motions of a power loom? Describe in detail.
   (b) Discuss features of Automatic Looms.
   (c) Elaborate Fabric faults and their remedies.

---

1. Attempt any two parts of the following:
   (a) Why winding of yarn is done? Describe with a neat sketch working of Automatic cone winding machine.
   (b) Discuss different winding faults and their remedies.
   (c) Describe features of Modern winding machines.

2. Attempt any two parts of the following:
   (a) Why rewinding of yarn is done for using it as Weft? Describe features of a Fully Automatic Pirn Winding machine.
   (b) Explain working principles of Beam Warping Machine with the description of its different parts.
   (c) What are the main features of High Speed Beam Warping Machine?
3. Attempt any **two** parts of the following:
   
   (a) Why winding of yarn is done? Describe with a neat sketch working of Automatic cone winding machine.
   
   (b) Name different types of sizing machines with the principles of working.
   
   (c) Append a recipe used for medium sizing of cotton yarn.

4. Attempt any **two** parts of the following:
   
   (a) What are different motions of a power loom? Describe in detail.
   
   (b) Discuss features of Automatic Looms.
   
   (c) Elaborate Fabric faults and their remedies.

---

**Printed Pages—2**

**B.Tech.**

(SEM. IV) THEORY EXAMINATION 2013-14

**PRINCIPLES OF FABRIC MANUFACTURE**

**Time : 2 Hours**

**Total Marks : 50**

**Note :** Attempt all questions. All questions carry equal marks.

1. Attempt any **two** parts of the following:
   
   (a) Why winding of yarn is done? Describe with a neat sketch working of Automatic cone winding machine.
   
   (b) Discuss different winding faults and their remedies.
   
   (c) Describe features of Modern winding machines.

2. Attempt any **two** parts of the following:
   
   (a) Why rewinding of yarn is done for using it as Weft? Describe features of a Fully Automatic Pirn Winding machine.
   
   (b) Explain working principles of Beam Warping Machine with the description of its different parts.
   
   (c) What are the main features of High Speed Beam Warping Machine?