

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
BE - SEMESTER-IV • EXAMINATION – WINTER 2013

Subject Code: 142902

Date: 23-12-2013

Subject Name: Weaving - II

Time: 10.30 am - 01.00 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)** Explain construction and working of measuring and self stopping motion in detail. **07**
- (b)** State the functions of binders, lubricants and antiseptics. **07**
- Q.2 (a)** Give the salient features of sectional beam warping machine. **07**
- (b)** Compare between ordinary and high speed warping machine. **07**
- OR**
- (b)** Give the features of B.C. Warper type C with a neat sketch. **07**
- Q.3** Explain construction and working of Eccle's drop-box mechanism with a neat sketch. **14**
- OR**
- Q.3 (a)** Explain card saving device of drop box. **07**
- (b)** With a neat sketch explain doffing and donning arrangement at high speed warping. **07**
- Q.4** Explain the construction and working of Keighley dobby with a neat diagram. **14**
- OR**
- Q.4** Discuss in detail about the construction & working of Tappet (Cam) dobby with a neat sketch. **14**
- Q.5 (a)** Discuss in detail about pressure cooker in detail. **07**
- (b)** Explain construction and working of Zell size box. **07**
- OR**
- Q.5 (a)** Give differences between ordinary size box v/s modern size box. **07**
- (b)** Write note on warping creels. **07**
