Seat No.:	Enrolment No.

Subject Code: 152902

GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-V • EXAMINATION – SUMMER • 2014

Date: 13-06-2014

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Ti	U	Name: Weaving - III 0.30 am - 01.00 pm Total Marks: 70	
Ins	1. 2.	Attempt all questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks.	
Q.1	(a) (b)	Classify weft feelers. Describe Two-prong electrical feeler with a neat sketch. Explain drive to griffe of double lift, double cylinder jacquard with diagram.	07 07
Q.2	(a) (b)	Distinguish between auto shuttle change and bobbin change looms. Explain Hattersley auto negative let-off with it's principle. OR	07 07
	(b)	Discuss the construction and working of center weft fork mechanism.	07
Q.3	(a) (b)	Explain Battlet let-off motion with a neat diagram. Discuss the construction and working of Northrop auto warp stop motion with a neat sketch.	07 07
Q.3	(a) (b)	OR Explain construction and working of Ruti let-off motion with a neat diagram. Discuss the construction and working of CandK auto warp stop motion with a neat figure.	07 07
Q.4	(a)	Explain construction and working of Automatic pirn change mechanism with a neat sketch along with it's important timings and settings.	14
Q.4	(a)	OR With a neat diagram explain construction and working of Double lift, Double cylinder jacquard, also give it's features.	14
Q.5	(a) (b)	Explain the working of shuttle eye cutter and temple cutter with a neat figure. Write a note on Plunger feeler. OR	07 07
Q.5	(a) (b)	Discuss about casting out in jacquard with your own example. Write a note on Precision coner.	07 07
