Seat No.: Enrolment No	
GUJARAT TECHNOLOGI	
BE- IV <sup>th</sup> SEMESTER-EXAMINATION – MAY/JUNE- 2012 Subject code: 142902 Date: 25/05/2012	
<ol> <li>Attempt all questions.</li> <li>Make suitable assumptions wherever necess</li> <li>Figures to the right indicate full marks.</li> </ol>	ary.
1. a) Give the features of High speed beam warping m	achine. (07)
b) Explain Measuring & self stopping moption.	(07)
2. a)State the objects of Sizing process. Which are the	factors affecting size pick-up? (07)
b)Give the differences between Ordinary and Mode	ern Size-box. (07)
OR	
b) State the salient features of Sectional beam warpi	ng machine. (07)
3.Discuss in detail about Binders, Fillers, Deliquidiser	ts,Softners & Lubricants,Anticeptics, (14)
Optical whitening agent and Tinting colours.	
OR	
3.Explain the consruction & working of Ruti and Shi	rley size-boxes. (14)
4.Draw a neat sketch of Eccle's Drop-box mechanism	n & explain it's construction and (14)
Working.	
OR	
4.Discuss in detail about construction & working of	Tappet(Cam) Dobby with a neat figure.(14)
5.Explain the concept and fuction of Sucker air drying	ng sysyem & Pressure coocker. (14)
OR	
5.State the objects of Warping process? Give the feat with a neat sketch.	ures of B.C. warper type-C machine (14)

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