Seat No.:	Enrolment No
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## **GUJARAT TECHNOLOGICAL UNIVERSITY**

		BE - SEMESTER-III(OLD) • EXAMINATION – WINTER 2016		
Subject Code:132903		Code:132903 Date:06/01/20	017	
Sı	ıbject	Name:Weaving-I		
Time: 10:30 AM to 01:00 PM			Total Marks: 70	
Ins	struction			
	1. 2. 3.	Attempt all questions.  Make suitable assumptions wherever necessary.  Figures to the right indicate full marks.		
Q.1	(a) (b)	What are the objects of Pirn Winding? Enlist the qualities of a Good Pirn. With neat sketch, show passage of material through Pirn winding machine.	07 07	
Q.2	(a)	With the help of neat sketch, explain the passage of material through Plain Power Loom.	07	
	<b>(b)</b>	What is Shedding? Explain in detail about "Different types of shed".  OR	07	
	<b>(b)</b>	Describe Tappet shedding mechanism with suitable diagram.	07	
Q.3	(a) (b)	Define - Weaving. Also give classification of Weaving machines.  Write short note on "Loom Timing Diagram".  OR	07 07	
Q.3	(a) (b)	State objects of Winding. Also explain Precision winding in detail. What is Tensioner? Give their classification and explain Additive type of tensioner in detail.	07 07	
Q.4	(a) (b)	Write short notes on 1) Different types of knots and 2) Splicing. Discuss in detail about Modern Winders.  OR	07 07	
Q.4	(a) (b)	Discuss "7 Wheel Take Up Mechanism" in detail. Explain Beat-up mechanism with the help of suitable diagram.	07 07	
Q.5	(a) (b)	Write short notes on – 1) Yarn Faults and 2) Package Faults. What are the objects of yarn Clearer? Discuss on Photo electric yarn clearer. OR	07 07	
Q.5	(a) (b)	Discuss Cone over pick mechanism in detail.  Discuss in detail about Fast Reed mechanism.	07 07	

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