Seat No.:	Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY

Su Ti	ibjecime:	BE - SEMESTER-VII (OLD) - EXAMINATION - SUMMER 2017 et Code: 172906 Date: 29/04/20 et Name: Knitting and Garment Technology (Department Elective - 02:30 PM to 05:00 PM Total Marks: ions: 1. Attempt all questions. 2. Make suitable assumptions wherever necessary. 3. Figures to the right indicate full marks.	- I)
Q.1	(a)	Draw and explain the following terms for weft knitting: (i) Open loop (ii) Stitch Length (iii) Sinker Loop (iv) Face stitch	07
Q.2	(b)(a)(b)	With neat sketch explain the construction and working of latch needle. Describe interlock structure and its important characteristics. Compare rib and purl structures briefly. OR	07 07 07
	(b)	Discuss in detail anatomy of simple weft knit structure with neat sketch.	07
Q.3	(a) (b)	Explain formation of tuck with a neat sketch. Also discuss its influence on fabric properties. Compare warp knitting and weft knitting.	09 05
Q.3	(a) (b)	OR Describe complete knitting cycle on tricot knitting machine with suitable sketches. Describe laying in and plating used in weft knitting briefly.	09
Q.4	(a) (b)	Explain with neat sketch intralooping, interlooping and interlacing. Which is the most widely used stitch? Describe its construction along with advantages and disadvantages. OR	06 08
Q.4	(a)(b)	Describe different methods of marker planning. Also discuss how efficiency of marker planning is measured. With neat sketch describe construction and applications of lapped seam and decorative seams briefly.	07 07
Q.5	(a) (b)	Describe compound feed system with neat sketch. Discuss briefly cutting with straight knife and round knife. OR	07 07
Q.5	(a)(b)	Draw a neat labelled diagram of sewing needle and explain function of each part briefly. Write a short note on work aids used on sewing machine.	07 07
