Seat No.: _____ Enrolment No._____

GUJARAT TECHNOLOGICAL UNIVERSITY
BE - SEMESTER– III EXAMINATION – SUMMER 2015

Subject Code-132903 **Date:09/06/2015**
Subject Name- WEAVING- I
Time- 02.30pm-05.00pm **Total Marks - 70**
Instuctions

1. **Attempt all questions.**
2. **Draw a neat diagram where it is necessary.**
3. **Figures to the right indicate full marks.**

1.(a) Explain the Loom timing diagram in detail. **(07)**

(b) State the objects of Winding process and give it's classification. **(07)**

2. (a) Give the objects of Tensioners and discuss Disc type tensioner in detail. **(07)**

(b) State the advantages of Rewound weft. **(07)**

OR

(b) Explain the different types of Rotary traverse. **(07)**

3. What is the object of Shedding motion? Explain the construction and working of Shedding motion with a neat sketch. **(14)**

OR

3. Discuss about the different types of Shed formation. Give some brief idea about types of Healds. **(14)**

4. State the different types of Slub- catchers. Explain the working of Swinging Blade type and Photo-Electric clearer with neat diagram. **(14)**

OR

4. Explain the construction & working of Over Picking motion with a neat sketch. **(14)**

5. Give the function of Cloth Take-up. Discuss in detail about 7-wheel take-up motion with a neat diagram. **(14)**

OR

5. What are the objects of Warp Let-off ? Explain Negative Let-off motion's construction & working with a neat sketch. **(14)**

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