B. Tech.
(SEM. VI) EXAMINATION, 2006-07
FABRIC TECHNOLOGY - II

Time : 3 Hours] [Total Marks : 100

Note : Attempt all questions. All questions carry equal marks.

1. Attempt any one parts of the following:
   (a) What are the essential parts of a power loom?
   (b) Discuss the role of auxiliary motion of an autoloom.

2. (a) What do you understand by the term ‘capacity of a jaeguard’? Discuss in detail.
   (b) Define dwell of tappet. Discuss ‘types of shed’.

3. (a) What is let –off – motion? Describe the disadvantages of let-off-motion?
   (b) Discuss in detail the working of anti-crack motion.

4. (a) How many types of weft fork motion do you know? Discuss any one in detail.
   (b) Write short notes on:
        (i) Harness tyeing
        (ii) Lattice pegging.

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5. (a) Compare the following:

(i) Shuttle changing and Kirn changing loom

(ii) Ordinary creel and Magazine creel

(b) Discuss the working of warp stop motion with the help of neat sketches.