



(Following Paper ID and Roll No. to be filled in your Answer Book)

PAPER ID : 162601

Roll No.

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B. Tech.

(SEM. VI) THEORY EXAMINATION, 2014-15
FABRIC TECHNOLOGY - II

Time : 3 Hours]

[Total Marks : 100

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

- 1 Attempt any two parts of the following :
 - (a) Describe in detail broad classification of loom
 - (b) Classify picking motion. Explain cone over picking mechanism.
 - (c) With the help of neat diagram, explain the working of beat-up motion of a plain power loom.

- 2 Attempt any two parts of the following :
 - (a) Explain the working of side weft fork motion in detail.
 - (b) What is the function of warp protector motion? Explain fast reed warp protector motion in detail.
 - (c) What is the difference between positive and negative let-off motion? Explain the working of a negative let-off motion.

- 3** Attempt any two parts of the following :
- (a) Explain construction and working of a dobby in detail.
 - (b) Classify Jacquard shedding mechanism. What do you mean by the capacity of a Jacquard? Explain double lift double cylinder Jacquard.
 - (c) Explain construction and working of Excel's box motion in detail.
- 4** Attempt any two parts of the following :
- (a) What do you understand by automatic loom? Give brief classification of automatic loom.
 - (b) Discuss essential requirements of efficient working of any cop changing mechanism.
 - (c) Describe in detail fabric defects and remedies.
- 5** Write short notes on any two parts of the following :
- (a) Temple motion
 - (b) Take-up motion
 - (c) Weft feeler motion.
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