



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

**PAPER ID : 180409**

Roll No.

--	--	--	--	--	--	--	--	--	--

## B. Tech.

(SEM. IV) THEORY EXAMINATION, 2014-15  
YARN TECHNOLOGY - II

Time : 3 Hours]

[Total Marks : 100

- Note:** (1) Attempt all questions.  
(2) All questions carry equal marks.

- 1 Attempt **any two** parts of the followings :
  - (a) Discuss objectives of combing.
  - (b) Discuss working principle of super lap machine.
  - (c) Discuss the evaluation of process efficiency of comber.
  
- 2 Attempt any two parts of the followings-
  - (a) Discuss functioning of various parts of comber.
  - (b) Discuss forward & backward feed on comber.
  - (c) Discuss impact of poor combing on subsequent process.

- 3** Attempt **any two** parts of the followings :
- (a) Discuss various drafting systems used in speed frame.
  - (b) What is object of speed frame? How it can be achieved? Discuss in brief.
  - (c) Discuss about quality of roving.
- 4** Attempt **any one** of the followings :
- (a) Describe passage of material on ring frame with neat sketch & discuss functioning of its various parts.
  - (b) Discuss causes & remedies of faults occurred in ring yarn.
- 5** Write short notes on **any four** of the followings :
- (a) Reeling.
  - (b) Doubling
  - (c) Resultant & Average count of folded yarn
  - (d) Twist Multiplier.
  - (e) Quality evaluation of yarns
-