

- Q.30 Explain the function of automatic bale opener.
- Q.31 What is the purpose of Mixing and Blending?
- Q.32 What are the advantages of metallic card clothing?
- Q.33 Write in detail about process control parameters in Blow Room.
- Q.34 Explain any two advantages of Modern Blow room line.
- Q.35 Write in brief about working of ERM cleaner.

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x10=20)

- Q.36 With the help of diagram explain the various process involved in the spinning of cotton.
- Q.37 Attempt any two part from the following:
- Mono Cylinder cleaner
 - Features of High production Card
 - Three bladed beater
- Q.38 With reference to Carding machine answer the following questions:
- flats
 - flexible card clothing
 - objective of Carding
 - Output from Carding

No. of Printed Pages : 4

182732/122732/032732

Roll No.

3rd Sem / Textile Technology Subject:- Spinning Technology - 1

Time : 3Hrs.

M.M. : 100

SECTION-A

Note: Multiple choice questions. All questions are compulsory (10x1=10)

- Q.1 Output product of Carding machine is _____
- Fiber
 - Yarn
 - Sliver
 - none of the above
- Q.2 Flat waste is originated in which machine ?
- Combing
 - Carding
 - Blow room
 - Drafting
- Q.3 In which direction S-Twist is given?
- Clockwise
 - Anticlockwise
 - Horizontal
 - Vertical
- Q.4 Density of cotton fiber is _____ g/cm³
- 1.3
 - 2.5
 - 2.4
 - 2.8
- Q.5 Which process separates seeds from fibers?
- Carding
 - Drafting

- c) Ginning d) Combing
- Q.6 _____ is the first section of spinning line for cotton yarn.
- a) Blow room b) Carding
- c) Ginning d) Weaving
- Q.7 In English Count system no of Hanks is _____.
- a) 840 b) 842
- c) 848 d) none of the above
- Q.8 Flats of Carding machine are covered with _____
- a) Leather b) Wire clothing
- c) Fabric d) Rexin
- Q.9 Best cotton of world is found in _____.
- a) America b) Australia
- c) Egypt d) Africa
- Q.10 Count is a measure of _____.
- a) Fineness b) Twist
- c) Draft d) all of the above

SECTION-B

Note: Objective type questions. All questions are compulsory. (10x1=10)

- Q.11 List any one defect of Carding.
- Q.12 Name any one yarn numbering system.

- Q.13 Flats
- Q.14 How much %age of short fibers is removed in blow room.
- Q.15 Ginning
- Q.16 Two waste of blow room
- Q.17 Yarn realization
- Q.18 List one use of Ring spun yarn
- Q.19 List any two types of spinning.
- Q.20 Explain Count.

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

- Q.21 Explain the advantages of Combing.
- Q.22 Discuss the working of two bladed beater.
- Q.23 Write a short note on spinning of cotton fibres.
- Q.24 Explain the working of autoleveller.
- Q.25 What are the objectives of Calendering.
- Q.26 Write the short note on defects in Lap and their removal.
- Q.27 What are various types of Card wastes?
- Q.28 Differentiate between Carding and Stripping.
- Q.29 Discuss various Ginning machines in brief.