

- Q.30 Explain Total draft.
- Q.31 Write a short note on objectives and types of blending.
- Q.32 Explain the process of Marker planning.
- Q.33 Describe the principle of opening and cleaning.
- Q.34 Write short note on the methods of reducing neps.
- Q.35 Define the process of ginning.

SECTION-D

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

- Q.36 Explain the working of carding machine with the help of a labelled diagram.
- Q.37 Make a neat diagram of various sections of blow room and explain their working.
- Q.38 Write short note on any two of the following:
- Features and working of high production card
 - Blending advantages
 - Advantage of chute feed system

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Roll No.

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 Mote knives are used in _____.
 a) Blow Room b) Carding
 c) Drafting d) Combing
- Q.2 Mixing is done to improve the _____ of yarn.
 a) Quality b) Durability
 c) Strength d) all of the above
- Q.3 In which Direction Z twist is done.
 a) Clockwise b) Anti clockwise
 c) Horizontal d) Vertical
- Q.4 _____ is an important part of Blow room.
 a) Bale opener b) Bale comber
 c) Bale presser d) Bale twister
- Q.5 Count refers to _____ or coarseness of yarn.
 a) Permeability b) Pressing
 c) Fineness d) none of the above

- Q.6 Which types of defects are analyzed in four-point system.
- a) Selvedge b) Minor & Major
c) very minor d) bowing
- Q.7 Modern Carding machine cleans _____ degree of cleanliness.
- a) 20-30% b) 60-70 %
c) 40-50% d) 90-95%
- Q.8 English count is a _____ method of count measurement.
- a) Direct b) Indirect
c) both a & b d) None of the above
- Q.9 Neps are removed in _____.
- a) Carding b) Opening
c) Beating d) Combing
- Q.10 Which cotton is the best in world?
- a) Indian b) Egyptian
c) Australian d) both a & c

SECTION-B

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

- Q.11 Name any two important part of carding machine.
- Q.12 List any one yarn numbering system

- Q.13 Name any one stripping method used in ccarding
- Q.14 What is Total Draft
- Q.15 Ginning
- Q.16 Write any one advantage of Blanding.
- Q.17 Z-twist
- Q.18 Name one fiber that is commonly blend with cotton.
- Q.19 Define Neps.
- Q.20 Name any one type of card waste.

SECTION-C

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

- Q.21 Explain the working of ERM Cleaner.
- Q.22 Write note on High production Card.
- Q.23 What are the Process control parameter in carding machine?
- Q.24 Define various kind of defects in Blow room lap.
- Q.25 Explain the role of Doffer and licker-in in reference to carding.
- Q.26 Discuss the advantages of Modern Blow room line.
- Q.27 Differentiate between Direct and Indirect Yarn numbering system.
- Q.28 What are the objectives of stripping?
- Q.29 Explain the working Krischner beater.