

- 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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Textile Technology **Subject:- Spinning Technology - 1**

Time : 3Hrs.

M.M. : 100

SECTION-A

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

- Mote knives are used in _____.
 a) Blow Room b) Carding
 c) Drafting d) Combing
- Mixing is done to improve the _____ of yarn.
 a) Quality b) Durability
 c) Strength d) all of the above
- In which Direction Z twist is done.
 a) Clockwise b) Anti clockwise
 c) Horizontal d) Vertical
- _____ is an important part of Blow room.
 a) Bale opener b) Bale comber
 c) Bale presser d) Bale twister
- 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. $(10 \times 1 = 10)$

- 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 carding
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. $(12 \times 5 = 60)$

- 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.