

- Q.21 Out of 200 grams of cotton 190 grams of cleaned cotton was received. 10 grams of trash had 4 grams of clean fibre and rest was waste. calculate cleaning efficiency.
- Q.22 Lap hank in case of carding as fed material was 0.00125 and delivered sliver was with hank of 0.100. calculate overall draft of carding machine.

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

- Q.23 Explain the passage of material from the carding machine with neat sketch.
- Q.24 Describe the different techniques of blending and describe the working of unimix with neat and clean diagram.
- Q.25 Write about the salient features of high production card.

No. of Printed Pages : 4

222731

Roll No.

3rd Sem / Textile Tech.

Subject : Spinning Technology-I

Time : 3 Hrs.

M.M. : 60

SECTION-A

Note: Multiple choice questions. All questions are compulsory (6x1=6)

- Q.1 Process of converting fibre to yarn is called as
- a) Weaving b) Spinning
- c) Knitting d) None of these
- Q.2 The Percentage cleaning efficiency of a cotton blow room line lies between
- a) 60 & 70 b) 40 & 50
- c) 80 & 95 d) 50 & 60
- Q.3 Output material of carding machine is
- a) Bale b) roving
- c) sliver d) yarn

Q.4 Denier is weight in _____ over length in 9000 mts?

- a) ozs b) pound
- c) gram d) kilogram

Q.5 Unimix is a part of

- a) Blow room b) carding
- c) Draw frame d) Ring frame

Q.6 Autoleveller is used at _____ machine.

- a) Blow room b) carding
- c) Simplex d) Ring frame

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. (6x1=6)

Q.7 _____ is the heart of the spinning.

Q.8 Feed material in carding is _____.

Q.9 The process of separation of cotton fibres from the seed is called as _____.

Q.10 Flats are the part of _____ machine .

Q.11 In _____ different varieties of cotton are mixed together.

Q.12 Diameter of main cylinder in carding is _____.

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

Q.13 Write the objective of the Ginning. Explain the saw ginning machine with neat and clear diagram.

Q.14 Draw and explain ERM cleaner machine ?

Q.15 Write down any five latest development of carding machine .

Q.16 Explain the different type of beater used in blow room.

Q.17 Write a short note on step cleaner and mono cylinder

Q.18 Explain carding and stripping action of carding in detail.

Q.19 Write a comparison between flexible and metallic card clothing.

Q.20 What is autoleveller? Explain the autoleveller functioning with diagram.