

- Q.28 What is the gauge setting for high speed card ?
- Q.29 What are the defect in lap and their remedies ?
- Q.30 What is importance of mixing ? Write different technique of mixing .
- Q.31 Write the working of ERM cleaner .
- Q.32 Write a comparison between flexible and metallic card clothing .
- Q.33 Draw a neat and clean diagram of carding machine.
- Q.34 Define Auto Levelers . And their working at card.
- Q.35 Write a short note on the principle of opening and cleaning .

SECTION-D

- Note:** Long answer type questions. Attempt any two questions out of three questions. (2x10=20)
- Q.36 Explain the working of any one ginning machine with neat line diagram.
- Q.37 Make a neat diagram of various sections of blow room and explain their working.
- Q.38 Explain the passage of material from the carding machine with neat diagram.

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Roll No.

3rd Sem / Textile technology Subject:- Spinning technology - I

Time : 3Hrs.

M.M. : 100

SECTION-A

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

- Q.1 Flat is a part of _____ machine
- a) Draw frame b) speed frame
- c) Ring frame d) carding
- Q.2 Delivery material in carding machine
- a) Carded sliver b) Lap
- c) Yarn d) roving
- Q.3 Auto mixture is a part of
- a) Draw frame b) blow room
- c) Carding d) Ring frame
- Q.4 Removal of neps in flat strips
- a) equal to short fiber percentage
- b) twice the short fiber percentage
- c) 1.3 times the short fiber percentage
- d) 0.5 times the short fiber percentage

Q.5 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.6 Is the heart of spinning ?

- a) Draw frame b) speed frame
- c) Ring frame d) Carding

Q.7 The type of the package from in sliver is

- a) Bale b) Can
- c) Bobbin d) None of these

Q.8 What is the production of blow room ?

- a) Lap b) Bale
- c) Sliver d) Bobbin

Q.9 1 lb (pound) = ?

- a) 840 yds b) 256 yds
- c) 560 yds d) 780 yds

Q.10 What is the input of blow room

- a) Bale b) Lap
- c) Yarn d) All of the above

SECTION-B

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

Q.11 The process by which yarn is made from fiber. (spinning / Knitted)

Q.12 Carding process is the heart of spinning (true / false)

Q.13 What is ginning ?

Q.14 Write any two important action of carding machine .

Q.15 If fiber strength is higher , then yarn and fabric strength is also higher. (yes / no) .

Q.16 The process of separating cotton fiber from the seeds is called ____ . (ginning / retting)

Q.17 Spinning can be done manually by . (Charkhc / handloom) .

Q.18 What is total draft ?

Q.19 What is mixing ?

Q.20 What is different card waste ?

SECTION-C

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

Q.21 Write a short note on the principle of opening and cleaning .

Q.22 Write about the roller stripping and their objective .

Q.23 What is advantage of chute feed system in carding ?

Q.24 Why carding is called the heart of spinning ?

Q.25 Explain the working of Auto mixer .

Q.26 Write a short note on Mono-cylinder .

Q.27 What is ginning ? Write a short note on double macarthy gin .