

- 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.

No. of Printed Pages : 4 182732/122732/032732
 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 Ib (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)

(2) 182732/122732/032732

- 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 . (Charkhcz / 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 .

(3) 182732/122732/032732