

- Q.27 What are the causes of lap rejection and lap variation?
- Q.28 Difference between carding action and stripping action.
- Q.29 Write about the Salient features of high production Card.
- Q.30 What are the objective of the Grinding and their types?
- Q.31 Write the working of ERM cleaner.
- Q.32 What is the advantage of metallic card clothing?
- Q.33 What is the gauge setting for high speed card?
- 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 questions. Attempt any two questions out of three Questions. (2x10=20)

- Q.36 Explain the passage of material from the carding machine with neat sketch.
- Q.37 Explain the working of carding machine with the help of a labelled diagram.
- Q.38 Write a short on any two of the following:
- Features and working of high production card
 - Blending advantage
 - Advantage of Chute feed system

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Roll No.

3rd Sem.

Branch : Text Tech.

Sub.: Spinning Technology-I

Time : 3 Hrs.

M.M. : 100

SECTION-A

Note: Multiple type Questions. All Questions are compulsory. (10x1=10)

- Q.1 If the difference between the number of thick and thin Places is very high \$ the machine to pick first would be
- Draw frame
 - Speed frame
 - Ring frame
 - Card
- Q.2 The waste removed in blow room while processing man-made fibers should be around
- 0.1%
 - 1%
 - 2%
 - 3%
- Q.3 The most preferred beater for processing man made fibers is
- Shirley opener
 - Krischner beater
 - Creighton
 - Three bladed beater
- Q.4 Removal of neps in Flat strips
- Equal to short fiber percentage
 - Twice the short fiber percentage
 - 1.3 times the short fiber percentage
 - 0.5 times the short fiber percentage

- Q.5 What is the meaning of TPI?
 a) Twist per inch
 b) Technical percentage issues
 c) Turns per issues
 d) Third party issues
- Q.6 _____ is the heart of spinning?
 \ a) Draw frame b) Speed frame
 c) Ginning d) None of the above
- Q.7 What is processing of convert fiber into yarn?
 a) Knitting b) Spinning
 c) Ginning d) None of the above
- Q.8 Most of the seed coat particles are removed in
 a) Blow room b) Carding
 c) Comber d) Draw frame
- Q.9 Cylinder under casing is a part of
 a) Carding b) Simplex
 c) Comber d) Draw frame
- Q.10 Denier = ? TEX
 a) 9 b) 5315
 c) 590.5 d) 1

SECTION-B

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

- Q.11 Name the device used by Mahatma Gandhi for spinning? (Takli/Chargha)

- Q.12 Fiber individualization in a card will increase by increasing (doffer speed / cylinder speed)
- Q.13 What is the wire point density of a carding machine? (550-650)
- Q.14 If fiber strength is higher, then yarn and fabric strength is also higher. (Yes/No)
- Q.15 What is use of auto-leveler in carding?
- Q.16 What is spinning?
- Q.17 Write the full form of ERM.
- Q.18 Name any two type of waste in blow room.
- Q.19 The process by which yarn is made from fiber. (Spinning/Knitted)
- Q.20 Carding process is the heart of spinning. (True/False)

SECTION-C

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

- Q.21 Write the objective and types of bending?
- Q.22 Write about the objective of the Ginning. Draw the diagram of Saw gin.
- Q.23 What is advantage of chute feed system in carding?
- Q.24 Define Carding. Why carding is called the heart of spinning?
- Q.25 Explain the working of Krischner beater.
- Q.26 What are the Importance of opening and cleaning?