

Q.26 Draw and explain mixing bale opener machine

Q.27 Draw and explain ERM machine.

Q.28 Write a short note on cleaning efficiency of blowroom

Q.29 Give modern blowroom line?

Q.30 What are different defects in lap?

Q.31 Draw front plate and back plate, also explain its functions.

Q.32 What are objects of carding?

Q.33 Differentiate between carding and stripping action.

Q.34 Give advantages of metallic card clothing.

Q.35 Calculate production of carding machine running at 100 mpm with sliver hank 0.125 and Efficiency 90%.

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x10=20)

Q.36 Draw the passage of material of carding machine and also explain in detail.

Q.37 Give salient features of high production card. Also explain the purpose of grinding at carding machine.

Q.38 Draw the blow room line and also explain the working of ERM cleaner in detail.

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3rd Sem / Text. Tech.
Subject:- Spinning Technology - I

Time : 3 Hrs.

M.M. : 100

SECTION-A

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

Q.1 is the important part of blow room.

- a) bale plucker
 - b) licker-in
 - c) simplex
 - d) ring frame

Q.2 Mote knives are used in machine.

- a) carding
 - b) draw frame
 - c) simplex
 - d) All of the above

Q.3 Count refers to or coarseness of yarn:

- a) fineness
 - b) length
 - c) width
 - d) height

Q.4 Delivery material in carding machine is

- a) roving
 - b) lap
 - c) yarn
 - d) sliver

- Q.5 Neps are removed at _____ machine.
- a) Blowroom b) Draw frame
 - c) Weaving d) Carding
- Q.6 Blending is done at _____ machine
- a) blowroom b) draw frame
 - c) simplex d) all of the above
- Q.7 Carding action is performed between cylinder and _____
- a) flats b) doffer
 - c) cross roll d) All of the above
- Q.8 Trash is found in _____
- a) wool b) polyester
 - c) nylon d) cotton
- Q.9 Carding is the _____ of spinning.
- a) Mind b) Heart
 - c) lungs d) none of the above
- Q.10 Slowest speed is of _____
- a) flats b) doffer
 - c) cylinder d) licker-in

SECTION-B

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

Q.11 Name any 2 parts of carding machine.

Q.12 What is trash?

Q.13 Convert 20 Tex into Denier.

Q.14 What is card clothing

Q.15 Blowroom is used for _____ and cleaning?

Q.16 Cylinder is the part of _____ machine.

Q.17 Define nep.

Q.18 Piono feed is the part of _____ machine.

Q.19 Name any one type of card waste.

Q.20 _____ is end product of blowroom?

SECTION-C

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

Q.21 Differentiate mixing with blending.

Q.22 Give objects of Blowroom

Q.23 Explain one machine of ginning?

Q.24 Describe mixing or blending bale opener.

Q.25 Explain different types of feed in blowroom and carding.