

- 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.

No. of Printed Pages : 4

182732/122732/032732

Roll No.

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

Time : 3Hrs.

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) lick-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 neps.
- 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.