

Q.22 Out of 300 grams of cotton, 280 grams of cleaned cotton was received. 20 grams of trash has 4 grams of clean fibre and rest was waste. Calculate cleaning efficiency.

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

Q.23 Explain the working of passage of carding machine with neat sketch.

Q.24 Explain principle and working of unimix.

Q.25 Compare mixing and blending.

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3rd Sem / Textile Technology.

Subject : Spinning Technology - 1

Time : 3 Hrs.

M.M. : 60

SECTION-A

Note: Multiple choice questions. All questions are compulsory (6x1=6)

Q.1 Following machine output product is sliver

- a) Step cleaner b) Unimix
- c) MBO d) Card

Q.2 Sorting is done to remove

- a) Dust b) Dirt
- c) Hair d) None of the above

Q.3 Last machine of blowroom line is

- a) MBO b) ERM Cleaner
- c) Step Cleaner d) Mono Cylinder

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- Q.4 Count is weight per _____ length
- a) 1 Yard b) 1 Meter
- c) 840 Yard d) 840 Meter

- Q.5 Step cleaner is a part of
- a) Blowroom b) Carding
- c) Draw frame d) Ring frame

- Q.6 Cleaning efficiency of carding machine is
- a) 80% b) 70%
- c) 60% d) 50%

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. (6x1=6)

- Q.7 In _____ percentage ratio of two different fibre is mixed.
- Q.8 Sorting is used to remove such impurities that cannot be removed by _____
- Q.9 In cotton mixing, maximum waster percentage that can be added is _____
- Q.10 Licker in is the part of _____ machine.

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- Q.11 A modern feed system from blowroom to carding machine is _____ system.
- Q.12 No. of flats in the carding machine are normally _____

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

- Q.13 What is mixing. Explain different types of mixing techniques used in blowroom.
- Q.14 Explain saw ginning with neat and clean diagram.
- Q.15 Explain the different types of spikes, nails and beaters used in blow room.
- Q.16 Describe the working principle of MBO.
- Q.17 Write down the objective of blowroom.
- Q.18 Explain the working of ERM Cleaner.
- Q.19 Differentiate between carding and stripping action of carding machine in detail.
- Q.20 Describe open loop autoleveller with neat and clean sketch.
- Q.21 Write a short note on grinding.

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