

SECTION-D

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

Q.23 What are the objective of a carding machine? Explain the working of carding machine with neat diagram.

Q.24 Write short note on -

- a) ERM cleaner
- b) Condenser

Q.25 Calculate the production in kg/shift of 8hr. of carding machine, delivery speed is 120m/min. Sliver hank is 100 Efficiency 90%

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3rd Sem.
Branch : Textile Technology
Sub.: Spinning Technology-I

Time : 3 Hrs.

M.M. : 60

SECTION-A

Note: Multiple type Questions. All Questions are compulsory. (6x1=6)

Q.1 Axi flow cleaner is a part _____ machine.

- a) Carding
- b) Draw frame
- c) Speed frame
- d) None of above

Q.2 Delivery material in carding machine.

- a) Carded silver
- b) Lap
- c) Roving
- d) Combed sliver

Q.3 Carding is _____ of spinning.

- a) Liver
- b) Heart
- c) Blood
- d) Eyes

Q.4 Beating point for cotton fiber in blow room generally

- a) 5-6
- b) 2-3
- c) 1-2
- d) 9-10

Q.5 In processing the cotton fiber in blow room neps in fiber will

- a) Increase
- b) Decrease
- c) No effect
- d) None of above

Q.6 Mote knife is a part _____ machine.

- a) Carding
- b) Draw frame
- c) Speed frame
- d) Ring frame

SECTION-B

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

Q.7 What is blending?

Q.8 Name any two important beater of blow room machine.

Q.9 Name any oil used in mixing operation.

Q.10 What is the basic operation in blow room?

Q.11 Name any two type of card waste.

Q.12 What is the modern feed system in carding?

SECTION-C

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

Q.13 Write short note on working of condenser with neat diagram.

Q.14 Write the difference between flexible and metallic clothing.

Q.15 Write about the latest development in carding machine.

Q.16 Write the function of mote knives, cylinder, flats and doffer in carding machine.

Q.17 Write short note on chute feed system.

Q.18 Write the sequence of machinery used in blow room for processing cotton fiber.

Q.19 Define neps. What are the remedies to control neps in carding.

Q.20 What is the importance of mixing. Write the different technique of mixing.

Q.21 Write the difference between beating and opening. Name different type of beater and opener.

Q.22 Explain the working of saw ginning machine.