

- Q.24 Calculate the production of a speed frame in kg/hr if speed spindle is 1400 rpm, roving count 1.0. TM 4.0 efficiency 80% total no. of spindle 120.
- Q.25 Explain the working principle of different auto leveller with neat diagram.

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4th Sem.
Branch : Textile Technology
Sub. Spinning Technology-II

Time : 3 Hrs.

M.M. : 60

SECTION-A

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

- Q.1 The delivery rate of draw frame for processing combed cotton
- a) Equal to carded cotton
 - b) More than carded cotton
 - c) Less than carded cotton
 - d) None of above
- Q.2 What process is used after carding in 100% carded yarn.
- a) Draw frame
 - b) Comber
 - c) Ring Frame
 - b) None of above
- Q.3 What is delivery material of draw frame machine.
- a) Sliver
 - b) Roving
 - c) Yarn
 - d) None of above

- Q.4 In comber tailing hooks are removed by
 a) Top comb b) Bottom comb'
 c) Nipper d) None of above
- Q.5 Differential mechanism is employed in
 a) Sizing machine b) Carding
 c) Simplex d) None of above
- Q.6 If count is 25 and TM is 5.0 then TPI.
 a) 16 b) 25
 c) 5 d) None of above

SECTION-B

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

- Q.7 Name two type of pressure applied to the top roller in simplex machine.
- Q.8 What is the function of flyer in simplex machine.
- Q.9 Name any four parts of draw frame machine.
- Q.10 Doubling is preferred in Draw Frame_____ (Even/ Odd)
- Q.11 What is the main function of comber machine.
- Q.12 Write any one objective of ribbon lap machine.

SECTION-C

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

- Q.13 Write the ten parts of draw frame machine.
- Q.14 Find the expected draft of a lap former if lap linear density in 70k tex, doubling is 32, sliver hank is 0.12 Ne.
- Q.15 Write the different object of builder motion is Speed Frame.
- Q.16 What are the object of draw frame machine.
- Q.17 What is the role of spacer in apron drafting system.
- Q.18 Write the difference between carded and combed yarn.
- Q.19 Write the object of comber machine.
- Q.20 What is the need of simplex frame in the ring spinning?
- Q.21 Write the function of building mechanism in roving frame.
- Q.22 Draw neatly the passage of material through Ribbon lap machine.

SECTION-D

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

- Q.23 Explain the passage of material through roving frame machine with neat diagram.