

- Q.29 Explain the construction and working of Building Motion of simplex frame.
 - Q.30 Which factors affects comber noil.
 - Q.31 What are the differences between Carded and Combed yarn?
 - Q.32 Compare conventional comber with modern comber
 - Q.33 What are the objectives of draw frame?
 - Q.34 Write a detail note on Degree of combing.
 - Q.35 Write down various developments which are done in combing.

SECTION-D

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

- Q.36 Explain the setting and gauges of cylinder to Nipper and Top Comb settings. Also shows the comber gearing diagram.

Q.37 Explain the Principle of winding in speed frame with neat sketch.

Q.38 Compare Nasmith's Comber with Heilman Comber. Explain modern Developments in combing.

No. of Printed Pages : 4
Roll No.

182742/122742/32742

**4th Sem / Text. Tech.
Subject:- Spinning Technology - II**

Time : 3Hrs.

M.M. : 100

SECTION-A

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

- Q.1 Combed tuft is adhered onto the
a) roller b) sleeve
c) cylinder d) roller points

Q.2 What process is used after draw frame?
a) carding b) simplex
c) ring frame d) fabric

Q.3 What is the production of simplex?
a) lap b) sliver
c) drum d) drum needles

Q.4 Tufts picked by stripper roller are fed to the
a) worker cylinder b) cylinder
c) twist measurement d) none

Q.5 What is the name of combing waste?
a) Short fibre b) dust
c) noils d) dirt

- Q.6 Carding is heart of _____
a) spinning b) weaving
c) dyeing d) knitting

- Q.7 What is the production of blow room?
a) yarn b) fibre
c) sliver d) lap

- Q.8 What is the production of carding machine?
a) ring bobbin b) sliver
c) cone d) cheese

- Q.9 Delivery material from draw frame is _____
a) sliver b) fibre
c) roving d) yarn

- Q.10 Lower cylinder in draw frame is controlled
a) negatively b) manually
c) positively d) automatically

SECTION-B

Note: Objective type questions. All questions are compulsory. $(10 \times 1 = 10)$

- Q.11 Define drafting?
Q.12 What is the function of top comb in comber?
Q.13 Define Pneumatic Weighing system?
Q.14 What is the role of stop motion in spinning?

- Q.15 How many type of stop motion are used in draw frame?
Q.16 Why combing is done?
Q.17 Define Noil.
Q.18 What is differential motion?
Q.19 Define combing.
Q.20 What is Auto Leveler?

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. $(12 \times 5 = 60)$

- Q.21 Compare conventional comber with modern comber.
Q.22 What is the importance of Combing in spinning?
Q.23 How many types of autoleveler are used in Draw frame? Explain any one.
Q.24 What is the function of top comb and nipper in combing?
Q.25 Define Building Motion? Explain its objectives.
Q.26 What is the difference between bobbin leading and flyer leading coiling of roving?
Q.27 What is Sliver Lap machine? Write its disadvantage as compared to Whitin Super Lap machine.
Q.28 What is twist? Explain different types of twist.