

- 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.

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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. (10x1=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. (12x5=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.