

- Q.31 Explain the construction and working of Building Motion of simplex frame.
- Q.32 What is building motion?
- Q.33 How many types of auto leveler are used in Draw Frame? Explain any one.
- Q.34 Write a short note on carding.
- Q.35 Define combing. Write the advantage of comber yarn.

SECTION-D

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

- Q.36 Show the comber gearing diagram. Explain the setting and gauges of
- Cylinder to Nipper
 - Top comb settings
- Q.37 Explain the Combing Cycle in detail.
- Q.38 Explain the Carding Process in detail with neat and clean diagram.
- b)

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Roll No.....

**4th Sem, Branch : Textile Technology
Subject : Spinning Technology-II**

Time : 3 Hrs.

M.M. : 100

SECTION-A

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

- Q.1 Carding is the heart of _____.
- Spinning
 - weaving
 - Printing
 - Roving
- Q.2 _____ the production of roving frame.
- Card sliver
 - Sliver
 - Yarn
 - Roving
- Q.3 What process is used after simplex?
- Draw Frame
 - Carding
 - Lap
 - Ring frame
- Q.4 S and Z are the types of yarn _____
- Twist
 - Size
 - Count
 - Yarn length
- Q.5 What process is used after simplex?
- Draw Frame
 - Carding

- c) Lap d) Ring frame
- Q.6 The output of the combing is _____.
 a) Sliver b) Carding
 c) Lap d) Yarn
- Q.7 What comes after blow room?
 a) Ring frame b) Carding
 c) Combing d) Simplex
- Q.8 How much the trash % age in cotton
 a) 60% b) 3-4%
 c) 30% d) 50%
- Q.9 _____ is the production of carding machine.
 a) Lap b) Sliver
 c) Roving d) Yarn
- Q.10 In spinning fiber converts into _____
 a) Yarn b) Fabric
 c) Garment d) Both A & B

SECTION-B

Note : Objective type questions. All questions are compulsory. (10x1=10)

- Q.11 Define Yarn.
- Q.12 What is the role of stop motion in spinning?
- Q.13 Define stop motion.

- Q.14 What is TPI?
- Q.15 Why combing is done?
- Q.16 What is auto Leveler?
- Q.17 Define Count.
- Q.18 What is thick and thin place?
- Q.19 Define SLM.
- Q.20 Write any two functions of nipper in combing.

SECTION-C

Note : Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

- Q.21 Write short note on Draft.
- Q.22 Explain lap preparation for combing.
- Q.23 What is the function of top comb is comber? Explain it.
- Q.24 Explain Pneumatic Weighing system?
- Q.25 Define Twisting. Explain various types of Twist.
- Q.26 What is the importance of Combing in spinning.
- Q.27 What is Building Motion? Explain its objective.
- Q.28 Write the Difference between bobbing leading and flyer leading coiling of roving.
- Q.29 What are the objectives of Draw frame?
- Q.30 What is the factor affecting for comber noil?