

Q.22 Explain in detail about combing cycle.

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Roll No. ....

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### SECTION-D

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

Q.23 Explain the passage of material through various parts of simplex machine with diagram.

Q.24 Explain the passage of material through draw frame machine with neat diagram.

Q.25 Calculate the production of a speed frame in kg/hr if spindle speed is 1000 rpm, roving count 1.0, TM 4, efficiency 90%, Total no. Of spindle 60.

### 4th Semester/ Textile Technology Subject : Spinning Technology-II

Time : 3 Hrs.

M.M. : 60

### SECTION-A

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

Q.1 If count is 36 and TM is 3.0 then TPI

- a) 18
- b) 12
- c) 108
- d) 0.08

Q.2 The Draw frame roller lapping is due to.

- a) very short fibre in sliver
- b) very high draft
- c) damage roller flutes
- d) none of above

Q.3 Auto leveller performance is affected by

- a) moisture
- b) spin finish
- c) variation in blend level
- d) none of above

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Q.4 What is delivery material of comber machine?

- a) sliver                      b) yarn
- c) roving                      d) none of above

Q.5 What is feed material of Draw Frame Machine?

- a) sliver                      b) Yarn
- c) roving                      d) none of above

Q.6 What process is used after Draw frame in 100% carded yarn?

- a) draw frame              b) simplex
- c) ring frame              d) none of above

### SECTION-B

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

Q.7 How much passage is required for satisfactory mixing in Draw frame?

Q.8 Why stop motion is used in Draw Frame?

Q.9 Name any two parts of Draw Frame Machine.

Q.10 Write any two object of simplex Machine.

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Q.11 Name of two type of autoleveler.

Q.12 Write any one advantage of bobbin leading simplex frame..

### SECTION-C

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

Q.13 Write the object of comber machine.

Q.14 Write about the bobbin leading principle in roving frame.

Q.15 Write the modern development in comber machine.

Q.16 Write about the ten parts of comber Machine.

Q.17 What is the need of Draw frame in the ring spinning system?

Q.18 Write the object of draw frame.

Q.19 Write the modern development in Draw frame machine.

Q.20 Write the object of ribbon lap machine

Q.21 Write the causes and remedies of any four type of fault of simplex machine.

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