

- Q.30 Explain the function of automatic bale opener.
  - Q.31 What is the purpose of Mixing and Blending?
  - Q.32 What are the advantages of metallic card clothing?
  - Q.33 Write in detail about process control parameters in Blow Room.
  - Q.34 Explain any two advantages of Modern Blow room line.
  - Q.35 Write in brief about working of ERM cleaner.

## **SECTION-D**

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

- Q.36 With the help of diagram explain the various process involved in the spinning of cotton.

Q.37 Attempt any two part from the following:

  - Mono Cylinder cleaner
  - Features of High production Card
  - Three bladed beater

Q.38 With reference to Carding machine answer the following questions:

  - flats
  - flexible card clothing
  - objective of Carding
  - Output from Carding

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**3rd Sem / Textile Technology  
Subject:- Spinning Technology - 1**

Time : 3Hrs. M.M. : 100

## **SECTION-A**

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

- Q.1 Output product of Carding machine is \_\_\_\_\_

a) Fiber                      b) Yarn

c) Sliver                      d) none of the above

Q.2 Flat waste is originated in which machine ?

a) Combing                    b) Carding

c) Blow room                 d) Drafting

Q.3 In which direction S-Twist is given?

a) Clockwise                 b) Anticlockwise

c) Horizontal                 d) Vertical

Q.4 Density of cotton fiber is \_\_\_\_\_ g/cm<sup>3</sup>

a) 1.3                         b) 2.5

c) 2.4                         d) 2.8

Q.5 Which process separates seeds from fibers?

a) Carding                    b) Drafting

- c) Ginning                  d) Combing
- Q.6 \_\_\_\_\_ is the first section of spinning line for cotton yarn.
- a) Blow room              b) Carding  
 c) Ginning                  d) Weaving
- Q.7 In English Count system no of Hanks is \_\_\_\_\_.
- a) 840                      b) 842  
 c) 848                      d) none of the above
- Q.8 Flats of Carding machine are covered with \_\_\_\_\_.
- a) Leather                b) Wire clothing  
 c) Fabric                  d) Rexin
- Q.9 Best cotton of world is found in \_\_\_\_\_.
- a) America                b) Australia  
 c) Egypt                   d) Africa
- Q.10 Count is a measure of \_\_\_\_\_.
- a) Fineness                b) Twist  
 c) Draft                   d) all of the above

### **SECTION-B**

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

- Q.11 List any one defect of Carding.  
 Q.12 Name any one yarn numbering system.

- Q.13 Flats
- Q.14 How much %age of short fibers is removed in blow room.
- Q.15 Ginning
- Q.16 Two waste of blow room
- Q.17 Yarn realization
- Q.18 List one use of Ring spun yarn
- Q.19 List any two types of spinning.
- Q.20 Explain Count.

### **SECTION-C**

- Note:** Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)
- Q.21 Explain the advantages of Combing.  
 Q.22 Discuss the working of two bladed beater.  
 Q.23 Write a short note on spinning of cotton fibres.  
 Q.24 Explain the working of autoleveller.  
 Q.25 What are the objectives of Calendering.  
 Q.26 Write the short note on defects in Lap and their removal.  
 Q.27 What are various types of Card wastes?  
 Q.28 Differentiate between Carding and Stripping.  
 Q.29 Discuss various Ginning machines in brief.