



- Q.5 Mercerisation will .....lusture ?  
 a) Increase                      b) Do not Change  
 c) Decrease                      d) None
- Q.6 Which of the following is a drying m/c ?  
 a) J-Box                          b) Cylinder Dryer  
 c) Kier                              d) Padding Mangle

### SECTION-B

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

- Q.7 Two advantages of peroxide bleaching.  
 Q.8 Name two drying machines ?  
 Q.9 What are natural impurities of cotton ?  
 Q.10 Write objects of shearing ?  
 Q.11 Write object of bleaching ?  
 Q.12 Name any one washing machine ?

### SECTION-C

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

- Q.13 Write short note on enzymatic desizing ?

- Q.14 List out the advantages of sodium hypochlorite bleaching?  
 Q.15 Write objectives of singeing ?  
 Q.16 Explain the role of stablizer in peroxide bleaching ?  
 Q.17 List various bleaching agents used in textile industry?  
 Q.18 Write short note on scouring of coloured woven goods ?  
 Q.19 Write a note on effect of pH on bleaching?  
 Q.20 Explain tight rope washing?  
 Q.21 Differentiate between souring and scouring ?  
 Q.22 Write short note on acid desizing ?

### SECTION-D

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

- Q.23 Describe the principle & various chemical actions involved in scouring of cotton ?  
 Q.24 Discuss in detail any drying machines used in textile industry?  
 Q.25 Explain the construction & working of Pad chainless fabric mercerising machine ?