



- Q.4 Which type of maintenance schedule is better?
- a) preventive                      b) Breakdown
- c) Both A & B                      d) None of the above
- Q.5 The spindle speed (rpm) of modern ring frame for cotton yarn is
- a) 15000-16000                      b) 170000-18000
- c) 12000-20000                      d) 23000-25000
- Q.6 What is the effect of high traveler mass
- a) Less yarn tension                      b) Less end brake
- c) High yarn tension                      d) No end brakes

### SECTION-B

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

- Q.7 Shore is a factor which tells us about the degree of\_\_\_\_\_.
- Q.8 What is function of spacer in ring frame?
- Q.9 What is importance of twisting in spinning?
- Q.10 Balloon breaker controls\_\_\_\_\_

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- Q.11 What is Mechanical Draft?
- Q.12 Where is the Apron Drafting used?

### SECTION-C

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

- Q.13 What are the objective of ring frame?
- Q.14 Write any four yarn defects along with their cause and remedies in double machine.
- Q.15 Explain various modifications done in modern ring frame.
- Q.16 Write short note on separator and lappets.
- Q.17 Write a short note on Twist and its type.
- Q.18 Explain the working principle of TFO.
- Q.19 Compare Compact and Ring yarn.
- Q.20 Explain Neppy and Slub yarn in detail.
- Q.21 Explain the different maintenance schedule followed on ring frame/doubling machine.
- Q.22 Briefly explain the advantages of auto doffing in ring frame.

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