

- Q.5 The ring traveller that help to reduce friction heat is _____.
- a) Sucking b) Low crown ring
c) C-type traveller d) Ring rail
- Q.6 The roving hank is usually _____ tex
- a) 50 b) 100
c) 500 d) 1000
- Q.7 What is the total draft range in ring frame usually?
- a) 8 to 10 b) 12 to 40
c) 40 to 80 d) 45 to 54
- Q.8 The objectives of apron is to control the _____
- a) Long fiber b) Staple fiber
c) Short fiber d) None of these
- Q.9 The number of row of roving bobbin in ring creel is usually _____
- a) 2 b) 4
c) 6 d) 8
- Q.10 Twisting reduce the _____ of fiber strand
- a) Thinness b) Thickness
c) Big size d) Small

SECTION-B

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

- Q.11 What is Mechanical Draft?
- Q.12 What is Twist?

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- Q.13 If the break draft and main draft of a ring frame is 1.35 and 20 respectively. What is the amount of Total draft?
- Q.14 Full form of TM.
- Q.15 What is worsted system?
- Q.16 What is Doubling?
- Q.17 Define Ring spinning.
- Q.18 What is Apron Drafting?
- Q.19 Full form of TPI _____.
- Q.20 How can we specify the size of ring?

SECTION-C

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

- Q.21 Explain various modifications done in modern ring frame.
- Q.22 Explain the working principle of Top Arm Drafting system.
- Q.23 Draw the gearing diagram showing various drive of a ring doubling machine.
- Q.24 How can you calculate the yarn diameter citing example using your own data.
- Q.25 Discuss about the change place of ring frame.
- Q.26 Explain the yarn ballooning control ring in detail.
- Q.27 Write short note on separator and lappets.
- Q.28 Explain the roller drafting system in ring frame.

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