

(160) (4) 182554/122554/32562 (1) 182554/122554/32562

- a) CRL                                      b) CRE  
c) CRT                                        d) CSP
- Q.6 Diamond bar is a defect of \_\_\_\_\_  
a) Yarn                                        b) Fabric  
c) Fiber                                       d) None
- Q.7 Horizontal stripes or streaks of uniform or uneven width caused mainly due to high yarn tension  
a) Double end                                b) Barre  
c) Missing end                                d) None
- Q.8 \_\_\_\_\_ is a bunch of fibers having less twist or no twist and has a wider diameter compared to normal spun yarn.  
a) Thick place                                b) Thin place  
c) Slub                                         d) None
- Q.9 When two or more ends by fault get woven as one generating a thick bar running parallel to the warp.  
a) Double end                                b) Double pick  
c) Reed mark                                 d) Missing end
- Q.10 \_\_\_\_\_ is the tendency of the fabric to keep standing without any support  
a) Drape                                        b) Stiffness  
c) Handle                                       d) None

### SECTION-B

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

- Q.11 Define Yarn Crimp  
Q.12 Write the working principle of fabric thickness tester

- Q.13 List the types of fabrics in which Bursting Strength is determined  
Q.14 Define Cover factor  
Q.15 What do you mean by Handle of a fabric  
Q.16 Describe flexural rigidity of fabric ?  
Q.17 Define tensile strength of fabric  
Q.18 List any three types of fabric strength  
Q.19 Show the formula to calculate CSP  
Q.20 List any two tests, we perform on fabric in our testing lab

### SECTION-C

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

- Q.21 Show the formula for measuring Yarn Tenacity  
Q.22 Define Crimp Interchange  
Q.23 What do you mean by recovery angle  
Q.24 Describe working principle of crease recovery tester  
Q.25 Show Peirce's formula  
Q.26 Describe working principle of Shirley stiffness tester  
Q.27 Show the formula for calculating yarn crimp %  
Q.28 Describe the procedure to calibrate tearing strength tester  
Q.29 Differentiate between Revell's Strip Method and Cut Strip Method  
Q.30 Describe CRL and CRE principles  
Q.31 Describe the function of pawl in a single yarn strength tester