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Roll No. ....

222532

**3rd Sem / Branch : Textile Design  
Sub.: Weaving Preparation**

Time : 3Hrs.

M.M. : 60

**SECTION-A**

**Note:** Multiple choice questions. All questions are compulsory (6x1=6)

- Q.1 The spiral slots on the drum are known as  
a) Creel                      b) Grooves  
c) Slub                      d) None

- Q.2 Thick and thin places are the defects of  
a) Fiber                      b) Yarn  
c) Fabric                      d) None

- Q.3 Auto coner is a  
a) Warping machine      b) Sizing machine  
c) Winding machine      d) None

- Q.4 Soft nose is defect of  
a) Creeling                      b) Warping  
c) Winding                      d) None

- Q.5 Jali is defect of  
a) Warper Beam              b) Cone  
c) Lap                              d) None

- Q.6 Weight in grams per 1000 meter of yarn is known as  
a) English count      b) Denier  
c) Tex                  d) Metric count

## SECTION-B

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

- Q.7 Shuttle is used to carry the \_\_\_\_\_ yarn.  
Q.8 Slub catcher is a part of \_\_\_\_\_ machine.  
Q.9 Metric count is a type of Direct count. (True/False)  
Q.10 Define creel.  
Q.11 Define sizing.  
Q.12 Tell the objective of sectional warping.

## SECTION-C

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

- Q.13 Define drawing in and denting process.  
Q.14 Differentiate between direct and indirect warping.  
Q.15 Give the classification chart of yarn numbering system.  
Q.16 Write the objectives of sectional warping machine.  
Q.17 Write the function of tensioner. Name various types of tensioners.

- Q.18 Write the function of balloon breaker.  
Q.19 Write the merits and demerits of drum winder.  
Q.20 How can the problem of patterning be eliminated?  
Q.21 Write a short note on various yarn imperfections.  
Q.22 Write a short note on various stop motions on a winding machine.

## SECTION-D

- Note:** Long answer type questions. Attempt any two questions out of three questions. (2x8=16)
- Q.23 Draw the passage of warp sheet through a slasher sizing machine. Also write size recipe and ingredients for 100% cotton.  
Q.24 Write common yarn and package faults in winding machine.  
Q.25 Draw the passage through a beam warping machine. Also discuss the common problems of the warping process.