

- Q.28 If two yarns of 25s and 40s are plied together determine the resultant count
- Q.29 Differentiate between drawing-in and beam gaiting.
- Q.30 Give passage of yarn through a warp winding machine.
- Q.31 Give the limitations of direct warping.
- Q.32 Describe the function of balloon breaker in winding machine?
- Q.33 Discuss any five types of yarn tensioners.
- Q.34 What is the difference between precision and drum winding machine.
- Q.35 Write a short note on adhesives used as an ingredient in sizing paste.

#### SECTION-D

**Note:** Long answer type questions. Attempt any two questions out of three questions. (2x10=20)

- Q.36 Explain the working of a sectional warping machine with the help of well illustrated diagram along with the function of each part of the machine.
- Q.37 Explain the working of a pirn winding machine with the help of a well illustrated diagram.
- Q.38 What are the objectives of Sizing? Write different ingredients of sizing paste with functions and examples.

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### 3rd Sem / Textile Design Subject:- Weaving Preparation

Time : 3Hrs.

M.M. : 100

#### SECTION-A

**Note:** Multiple choice questions. All questions are compulsory (10x1=10)

- Q.1 Tex is a
- a) Type of Direct count    b) Universal count
- c) Both a & b                d) Only A
- Q.2 Twisting is done to improve the following property / Properties
- a) Strength                    b) Lusture
- c) Weight                      d) All of the above
- Q.3 Soft nose is defect of
- a) Creeling                    b) Warping
- c) Winding                    d) None
- Q.4 Weight of grams per 9000 meter of yarn is known as
- a) English count            b) Denier
- c) Tex                          d) Metric count

- Q.5 Shuttle is used to carry the  
 a) Warp yarn                      b) Weft yarn  
 c) Fabric                          d) None
- Q.6 1 pound of weight is equal to  
 a) 453.59 gram                      b) 453.59 kg  
 c) 45.359 gram                      d) None
- Q.7 Delivered material of an Autoconer is a  
 a) Bobbin                          b) Cheese  
 c) Cone                              d) Pirn
- Q.8 Thick place is a \_\_\_\_\_ defect  
 a) Sizing                          b) Fabric  
 c) Yarn                              d) None
- Q.9 Drum is a part of \_\_\_\_\_ machine  
 a) Winding machine                      b) Sizing machine  
 c) Weaving machine                      d) None
- Q.10 Patterning is a defect of  
 a) Fiber                              b) Yarn package  
 c) fabric                              d) None

### SECTION-B

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

- Q.11 Define slough-off

- Q.12 Define sectional warping
- Q.13 Delivered material of a winding machine is \_\_\_\_\_
- Q.14 Starch is used as an ingredient in \_\_\_\_\_ process.
- Q.15 List any two defects of yarn package
- Q.16 Name any one type of creel
- Q.17 Tell the function of grooves on drum.
- Q.18 What is the role of tensioner in winding?
- Q.19 Define Indirect count.
- Q.20 Define cable yarn

### SECTION-C

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

- Q.21 Convert 40 tex into denier and English count (Ne)
- Q.22 Why sectional warping is done?
- Q.23 What is the difference between close and open wound packages?
- Q.24 Give objectives of warping
- Q.25 What are the different types of creels?
- Q.26 Explain in brief different types of stop motions in a winding machine.
- Q.27 Show the passage of yarn through a beam warping machine.