

- Q.29 State any three type of sizing Ingredients and their object.
- Q.30 Write about the automatic size box with neat diagram.
- Q.31 Write about the important part of beam warping machine and their function.
- Q.32 Write the working of two cylinder drying with neat diagram.
- Q.33 Compare the slow speed and high speed beam warping machine.
- Q.34 Write about the washer type of tensioner with neat diagram.
- Q.35 State any three faults with causes and remedies in warping.

#### SECTION-D

- Note:** Long answer type questions. Attempt any two questions out of three questions. (2x10=20)
- Q.36 Explain the working of indirect working machine with neat diagram.
- Q.37 Explain the working of any sizing machine with neat diagram.
- Q.38 Suggest a typical sizing recipe for the polyester cotton blend of 70/30 blended yarn. Also justify your selection of ingredient.

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**4th Sem / Text. Tech.**

**Subject:- Weaving Preparatory Processes - II**

Time : 3Hrs.

M.M. : 100

#### SECTION-A

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

- Q.1 Supply package for beam warping is \_\_\_\_\_  
a) Ring bobbin                      b) Cone  
c) Can                                  d) simplex bobbin
- Q.2 Weighing material is sizing is \_\_\_\_\_  
a) China clay                      b) coconut oil  
c) Glycerine                      d) Magnesium chloride
- Q.3 Sizing roller is generally made of \_\_\_\_\_  
a) wood                              b) copper  
c) Steel                              d) none of above
- Q.4 Sow box is used in \_\_\_\_\_  
a) Direct Warping              b) sizing  
c) indirect warping              d) none of above
- Q.5 Sizing \_\_\_\_\_ the strength of yarn  
a) Decrease                      b) increase  
c) no change                      d) none of above

Q.6 After drying warp sheet in sizing is passed through \_\_\_\_\_

- a) Guide rod                      b) Cooling fan
- c) hot rod                        d) none of above

Q.7 Faults of warping process \_\_\_\_\_

- a) Missing ends                b) Slack ends
- c) Both A and B               d) Only A

Q.8 Tenopal is \_\_\_\_\_ material

- a) Antiseptic                    b) Binding
- c) Softener                      d) Tinting

Q.9 Dancing roller used in

- a) Warping                      b) sizing
- c) Both A and B               d) only A

Q.10 Type of softer in sizing

- a) Paraffin wax                b) coconut oil
- c) Epsom salt                   d) Both A and B

### SECTION-B

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

Q.11 Name any two creel used warping.

Q.12 What is the object of tensioner in warping machine.

Q.13 Write name of any two sizing ingredients.

Q.14 What is alternate name of indirect warping.

Q.15 Write two objectives of Sizing.

Q.16 Write whether strength of warp yarn increases or decreases after sizing.

Q.17 Which knot is used during breakage or package change in warping process?

Q.18 What is advantage of v shape creel used in warping machine?

Q.19 Name any two defects produced in warping process.

Q.20 Write the formula of calculate the size%.

### SECTION-C

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

Q.21 Write object of warping machine.

Q.22 Explain any one type of creel with neat diagram.

Q.23 Write about the factor affecting the size take up.

Q.24 Write the importance of stop motion in warping machine. Draw any one stop motion.

Q.25 Calculate the PPI in a fabric. Width of fabric is 35 inch. Length of fabric is 24 yds. The weight of fabric is 4 lbs and weight of warp is 2lbs. count of weft is 44.

Q.26 The total no of ends in a warp is 3000. Calculate the no. of section. if the capacity of creel is 500 Bobbin.

Q.27 Write about the high speed beam warping machine.

Q.28 Write about the various type of sizing.