

- Q.28 If a 30 teeth tin roller is used for a cut length of 20Neyarn. Calculate the size of stud wheel.
- Q.29 Write any two type of creel used in warping with neat diagram
- Q.30 Draw a neat diagram of measuring and marking motion.
- Q.31 Write about the limitation of beam warping machine.
- Q.32 A warp beam containing 2000 ends is required to be size 20%. The length of size beam is 1040 yards. If count of warp is 40 Ne. Calculate the weight of unsized warp.
- Q.33 Write about the magazine type of creel with neat diagram
- Q.34 Write about the modern size box with neat diagram
- Q.35 Write about the various type of sizing.

SECTION-D

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

- Q.36 Suggest a typical sizing recipe for the polyester cotton blend of 60/40 blended yarn. Also justify Your selection of ingredient.
- Q.37 Explain the passage of material through slasher sizing machine with neat diagram.
- Q.38 Explain the passage of material through indirect warping machine with neat diagram.

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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 Which warping process is preferred for monocolour yarn?
- a) ball warping
 - b) sectional warping
 - c) directing warping
 - d) none of these
- Q.2 Deliquescent substance material in sizing is _____
- a) China clay
 - b) coconut oil
 - c) Glycerine
 - d) Magnesium chloride
- Q.3 Sizing reduced _____ by binding fiber on the surface of yarn
- a) hariness
 - b) strength
 - c) Smoothness
 - d) none of above
- Q.4 Cone is used as a feed package _____
- a) Direct Warping
 - b) sizing
 - c) both a and b
 - d) none of above
- Q.5 Sizing _____ the static charges of yarn

- a) reduced b) increase
 c) no change d) none of above
- Q6** After 1st guide yarn in direct warping is passed through _____
 a) tensioner b) cooling fan
 c) hot rod d) none of above
- Q7** Faults of warping process _____
 a) Missing ends b) Slack ends
 c) Both A and B d) none of these
- Q8** Ultramarine blue is a _____ material.
 a) Antiseptic b) Binding
 c) Softener d) Tinting
- Q9** Float indicator is used in
 a) warping b) sizing
 c) both A and B d) nor a and b
- Q10** 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. $(10 \times 1 = 10)$
- Q11** What is the function of yarn guide in warping process?
- Q12** Which medium is preferred for size liquor heating?
Q13 What is the alternate name of direct warping.
Q14 Write the two object of warping process?
Q15 What is the function of cooling fan in sizing?
Q16 Name any two faults in warping process.
Q17 Which warping machine has a warper drum?
Q18 The total no of ends in a warp is 2500. Calculate the no. of section. If the capacity of creel is 500 Bobbin.
Q19 What is recommended shore hardness of the squeeze roller for cotton yarn sizing.
Q20 Name two type of tensioner.
- SECTION-C**
- Note:** Short answer type questions. Attempt any twelve questions out of fifteen questions. $(12 \times 5 = 60)$
- Q21** Write object of sizing machine.
Q22 Explain the grid type tensioner with neat diagram
Q23 Write the working of multi cylinder drying with neat diagram.
Q24 Write any five comparisons of slow speed and high speed warping machine.
Q25 Write any four faults with causes and remedies in warping.
Q26 What are the object of warping process?
Q27 Write about the high speed beam warping machine.