

- 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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Roll No.

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) hairiness 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

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- 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
- Q.7 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
- Q.9 Float indicator is used in
a) warping b) sizing
c) both A and B d) nor a and b
- 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 What is the function of yarn guide in warping process?

- Q.12 Which medium is preferred for size liquor heating?
- Q.13 What is the alternate name of direct warping.
- Q.14 Write the two object of warping process?
- Q.15 What is the function of cooling fan in sizing?
- Q.16 Name any two faults in warping process.
- Q.17 Which warping machine has a warper drum?
- Q.18 The total no of ends in a warp is 2500. Calculate the no. of section. If the capacity of creel is 500 Bobbin.
- Q.19 What is recommended shore hardness of the squeeze roller for cotton yarn sizing.
- Q.20 Name two type of tensioner.

SECTION-C

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

- Q.21 Write object of sizing machine.
- Q.22 Explain the grid type tensioner with neat diagram
- Q.23 Write the working of multi cylinder drying with neat diagram.
- Q.24 Write any five comparisons of slow speed and high speed warping machine.
- Q.25 Write any four faults with causes and remedies in warping.
- Q.26 What are the object of warping process?
- Q.27 Write about the high speed beam warping machine.