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3rd Sem./ Textile Design
Sub : Weaving Preparation

Time : 3 Hrs.

M.M. : 60

SECTION-A

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

- Q.1 If the Tex of a yarn is 15 what will be its Denier
a) 15 Denier b) 30 Diner
c) 108 Denier d) 45 Denier
- Q.2 Yarn clearer is a part of _____ machine.
a) Sizing b) Dyeing
c) Winding d) None
- Q.3 Slubs are removed in
a) Winding b) Sizing
c) Dyeing d) None
- Q.4 The process of passing the warp yarns through the heald frame is known as
a) Winding b) Warping
c) Drawing-in d) None

- Q.5 Autoconer is a type of _____ machine.
a) Sizing b) Winding
c) Warping d) None
- Q.6 Soft nose is defect of
a) Creeling b) Warping
c) Winding d) None

SECTION-B

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

- Q.7 Find the weight of 270 yards of 60's cotton yarn.
- Q.8 Shuttle is a part of _____ machine.
- Q.9 English count is a type of Direct count. (True/False)
- Q.10 Define weft winding.
- Q.11 As the tex of yarn increases the fineness of yarn _____ (Increase/ Decrease)
- 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 Calculate the count of 100 meters of cotton yarn if it weight is 4 grams.

- Q.14 If 75 kilometers of yarn weighs 2.5 kgs, what is the count in metric system?
- Q.15 Write different parts of a pirn winding machine.
- Q.16 Write the objectives of sizing machine.
- Q.17 Write the function of tensioner. Name various types of tensioners.
- Q.18 What are the various methods of package driving in warp winding machine?
- Q.19 Differentiate between beam gaiting and beam knotting.
- Q.20 Write a short note on drawing-in process?
- Q.21 Write a short note on various yarn packages.
- Q.22 Write the function of balloon breaker.

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

- Q.23 Discuss the various yarn faults and their remedies in winding machine.
- Q.24 Write different objectives of warping process. Explain the warping process in brief.
- Q.25 Draw the passage of warp sheet through a slasher sizing machine. Also write size recipe and ingredients for 100% cotton.