

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. $(2 \times 8 = 16)$

- Q.23 Write down the salient features of autoconer. What are its advantages over conventional winding machine.
- Q.24 What is the process of drawing-in? Which methods of drawing-in are used? Write its objects.
- Q.25 Write down various types of ingredients used in sizing and their functions in detail.

No. of Printed Pages : 4
Roll No.

222721

2nd Sem / Text. Tech.

Subject : Weaving Preparatory Processes

Time : 3 Hrs.

M.M. : 60

SECTION-A

Note: Multiple choice questions. All questions are compulsory $(6 \times 1 = 6)$

- Q.1 Which is the supply package for cone winding?
- a) sizing b) warping
c) drawing-in d) weaving
- Q.2 Yarn is dyed in
- a) sizing b) warping
c) drawing-in d) weaving
- Q.3 The function of tensioner is used to give the _____ to yarn.
- a) splicing b) twist
c) tension d) weighing
- Q.4 Blue is used to increase the _____ of yarn.
- a) weight b) length
c) whiteness d) strength

Q.5 What is used for weft supply?

- a) pirn
- b) bobbin
- c) cone
- d) cheese

Q.6 The objective of yarn clearing is to remove _____ faults from the supply package.

- a) Normal
- b) objectionable
- c) small
- d) all

SECTION-B

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

Q.7 Moisture Regain for cotton is _____ percent. (one/eight)

Q.8 Tensioner is used to give the _____ to yarn. (tension /twist)

Q.9 Nose blugging is a _____ type of defect. (yarn /fabric)

Q.10 Auto coner is a _____ machine.(spinning/winding)

Q.11 If the viscosity increases beyond a point, the size pick up is _____ (reduced/increased)

Q.12 Adhesive increase the _____ of yarn in sizing. (Strength/hairiness)

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

Q.13 What is Balloon-breaker in winding? Explain its working.

Q.14 Explain the working of pirn winding machine.

Q.15 What is measuring and marking motion? Explain it.

Q.16 What factors influence the size pick-up percentage in sizing.

Q.17 Explain the working of disc type of tensioner with diagram.

Q.18 Find out the resultant count when one end of 20s; two ends of 30s; three ends of 50s are twisted together?

Q.19 Show the passage of materials through slasher sizing machine with diagram.

Q.20 Explain Indirect count and explain English count with formula.

Q.21 Explain the process flow chart for WPP.

Q.22 Why the tensioners are used in winding?