

- Q.29 Differentiate between Automatic and Non Automatic Loom.
- Q.30 What is Warp Stop Motion?
- Q.31 Describe the role of Selvedge in the Fabric.
- Q.32 Draw the line diagram for 5 Pick terry.
- Q.33 Write the disadvantage of mechanical weft feeler.
- Q.34 Write the silent features of Automatic Loom.
- Q.35 List out the disadvantages of Conventional Shuttle looms.

SECTION-D

- Note:** Long answer type questions. Attempt any two questions out of three questions. (2x10=20)
- Q.36 What are the factor that effect the production and efficiency of weaving department.
- Q.37 Name the Different types of fabric defects along with their causes and remedies.
- Q.38 Explain the working of Automatic Cop Change Mechanism along with neat and clean sketch.

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5th Sem / Branch : Text. Tech. Sub.: Weaving Technology - III

Time : 3Hrs.

M.M. : 100

SECTION-A

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

- Q.1 Water jet looms are also knows as _____ looms.
- a) Griper b) Hydraulic
- c) Pneumatic d) Rapier
- Q.2 Shuttle loom is _____ than the shuttleless loom.
- a) Moire noisy b) Equally
- c) Less Noisy d) None of these
- Q.3 Which fabric production method has minimum production rate
- a) Weaving b) Knitting
- c) Non-Woven d) Dall of these
- Q.4 Warp threads in water-jet loom should be _____.
- a) Hydrophobic yarn b) Hydrophilic yarn
- c) Sized yarn d) Cotton yarn
- Q.5 Which process is eliminated in shuttle less weaving?
- a) Warping b) Sizing
- c) Pirn winding d) Beaming

- Q.6 Function of weft feeler is to check
- Presence of weft in fabric
 - Presence of weft on pirn
 - Presence of weft in heald frame
 - None of the above
- Q.7 Airjet loom is _____ than the shuttle loom.
- Equally noisy
 - More noisy
 - Less noisy
 - None of these
- Q.8 The weft feeler which causes minimum damage to weft is
- Mechanical feeler
 - Electrical feeler
 - Photo electrical feeler
 - None of the above
- Q.9 Selvedges are _____
- Conventional
 - Tucked
 - Cross Leno
 - All of these
- Q.10 _____ is not a basic weave
- Twill
 - Huck a buck
 - Satin
 - Plain

SECTION-B

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

- Q.11 List out the fabric specifications.
- Q.12 _____ Selvedge cannot be produced in cotton fabrics.

- Q.13 Machine used for making the fabric is called _____.
- Q.14 Expand the term PPL.
- Q.15 Expand the term GSM.
- Q.16 Name the Different types of Automatic Looms.
- Q.17 In water jet looms the weft is inserted by _____.
- Q.18 What is Shuttle Protector Motion?
- Q.19 What is Loom Efficiency?
- Q.20 Expand the term PPM.

SECTION-C

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

- Q.21 Classify the Fabric Defects?
- Q.22 Differentiate between Shuttle and shuttle Less Looms.
- Q.23 What is the Role of Weft Cutter in Shuttle Less Looms?
- Q.24 Explain the Gabler Rapier system of weft insertion.
- Q.25 Classify the Non conventional looms.
- Q.26 Classify different types of Temples.
- Q.27 Describe the Role of Weft Accumulator.
- Q.28 Calculate the production in meters of a Water Jet loom running at 600 PPM at 92% efficiency for 8 Hours. Producing a fabric with 45 PPI.