

- 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. $(2 \times 10 = 20)$

- Q.36 What are the factors that affect 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

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SECTION-A

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

- Q.1 Water jet looms are also known 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) All 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) Pirm 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. $(10 \times 1 = 10)$

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

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- 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. $(12 \times 5 = 60)$

- 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.

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