

- Q.30 Differentiate between Automatic and Non Automatic Loom.
- Q.31 Write the Advantages of photo electric weft feeler mechanism.
- Q.32 Write in brief the silent features of Automatic Loom.
- Q.33 What do you mean by Terry Weaving?
- Q.34 Describe the Role of Weft Accumulator in Shuttle less Looms.
- Q.35 Describe the functions of Selvedge in the Fabric.

SECTION-D

Note: Long Answer type question. Attempt any two questions. (2x10=20)

- Q.36 Draw the different types of Selvedges.
- Q.37 Explain the working of Automatic Cop Change Mechanism along with neat and clean sketch.
- Q.38 Explain the working of mechanical Warp Stop Motion with neat and clean sketch.

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5th Sem, **Branch :** Textile Technology
Subject : Weaving Technology - 3

Time : 3 Hrs.

M.M. : 100

SECTION-A

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

- Q.1 Warp threads in water jet loom should be _____.
a) Hydrophobic b) Hydrophilic
c) Sized Yarn d) Cotton Yarn
- Q.2 Projectile looms are also known as _____ looms.
a) Griper b) Hydraulic
c) Pneumatic d) Rapier
- Q.3 Shuttle loom is _____ than the shuttleless loom.
a) More noisy b) Equally noisy
c) Less noisy d) None of these
- Q.4 _____ is a basic weave
a) Mockleno b) Bedford
c) Satin d) Huck a buck
- Q.5 Function of weft feeler is to check
a) Presence of weft in fabric
b) Presence of weft on pirn
c) Presence of weft in heald frame
d) None of the above

- Q.6 Selvedge are _____
 a) Conventional b) Tucked
 c) Cross leno d) All of these
- Q.7 When the last pick is pushed towards the cloth fell is known as _____.
 a) Let off Motion b) Take up
 c) Beat up d) Picking
- Q.8 Which process is eliminated in shuttle less weaving?
 a) Warping b) Sizing
 c) Beaming d) Pirn winding
- Q.9 Which method has maximum fabric production rate
 a) Weaving b) Knitting
 c) Non-Woven d) All of these
- Q.10 The weft feeler which causes minimum damage to weft is
 a) Mechanical feeler
 b) Electrical feeler
 c) Photo electrical feeler
 d) None of the above

SECTION-B

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

- Q.11 What is Warp Stop Motion?
- Q.12 _____ Winding process is required in shuttle looms.

- Q.13 Write the dimension of projectile used in projectile looms.
- Q.14 What is the role of Weft Feeler?
- Q.15 Explain the term GSM.
- Q.16 What is Selvedge?
- Q.17 In air-jet looms the weft is inserted by _____.
 Q.18 _____ Selvedge can only be produced in Thermoplastic fabrics.
- Q.19 What is PPM?
- Q.20 Name the Different types of Automatic Looms.

SECTION-C

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

- Q.21 Name the Different types of Fabric Defects.
- Q.22 What is the Advantage of Shuttle change Automatic Loom over the cop change Automatic Loom?
- Q.23 Classify the rapier looms.
- Q.24 Briefly explain the role of Warp Stop motion in a loom.
- Q.25 List out the advantages of Shuttle less Looms.
- Q.26 Explain the Dewas Rapier system of weft insertion.
- Q.27 Explain the role of temples in Loom.
- Q.28 Draw the line diagram for 4 pick terry.
- Q.29 Calculate the production in meters of a Air jet loom running at 950PPM at 92% efficiency for 8 Hours, Producing a fabric with 35PPI..