

- Q.26 Calculate the production in meters of a Air jet loom running at 700 PPM at 85 % efficiency for 8 Hours , Producing a fabric with 50 PPI.
- Q.27 Differentiate Shuttle and Shuttle less looms
- Q.28 Describe the Role of Weft Accumulator in Shuttle less Looms.
- Q.29 What do you mean by Fabric Defect ?
- Q.30 What do you mean by Terry Weaving ?
- Q.31 Write the range of Weft Insertion rate in Projectile Loom .
- Q.32 Describe the function of Selvedge in the Fabric .
- Q.33 Differentiate between Automatic and Non Automatic Loom.
- Q.34 Write the Advantages of photo electric weft feeler mechanism over mechanical warp feeler.
- Q.35 Write in brief the silent feature of Automatic Loom.

SECTION-D

- Note:** Long answer type questions. Attempt any two questions out of three questions. (2x10=20)
- Q.36 Explain the working of Automatic Cop change Mechanism along with neat and clean sketch
- Q.37 Explain the working of Electrical Wrap Stop Motion with neat and clean sketch
- Q.38 Explain the different types of Temples in relation to different types of fabrics.

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Branch : Textile Technology

Subject:- Weaving Technology- III

Time : 3Hrs.

M.M. : 100

SECTION-A

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

- Q.1 _____ is a basic weave
- a) Mockleno b) Bedford
- c) Satin d) Huck a buck
- Q.2 Selvedges are _____
- a) Conventional b) Tucked
- c) Cross Leno d) All of these
- Q.3 Which process is eliminated in shuttle less weaving?
- a) Wrapping b) Sizing
- c) Beaming d) Pirn winding
- Q.4 Projectile looms are also known are _____ looms.
- a) Griper b) Hydraulic
- c) Pneumatic d) Rapier
- Q.5 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.6 Which method has maximum fabric production rate.
a) Weaving b) Knitting
c) Non woven d) All of these
- Q.7 The weft feeler which causes minimum damage to weft is
a) Mechanical feeler
b) Electrical feeler
c) Photo Electrical feeler
d) None of these
- Q.8 Wrap threads in water-jet loom should be _____.
a) Hydrophobic b) Hydrophilic
c) Sized yarn d) Cotton yarn
- Q.9 Shuttle loom is _____ than the shuttle less loom.
a) More noisy b) Equally noisy
c) Less noisy d) None of these
- Q.10 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

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SECTION-B

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

- Q.11 What is Loom Efficiency ?
Q.12 What is the role of Weft Feeler ?
Q.13 What is Warp Stop motion ?
Q.14 _____ Winding process is required in shuttle looms
Q.15 In air-jet looms the weft is inserted by _____
Q.16 What is PPM ?
Q.17 What is RH% of Loom Shed ?
Q.18 Name the Different types of Automatic Looms.
Q.19 What is Selvedge ?
Q.20 _____ Selvedge can only be produced in Thermoplastic fabrics.

SECTION-C

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

- Q.21 Classify the Rapier looms.
Q.22 Briefly explain the role of Wrap Stop Motion in a loom.
Q.23 Name the Different types of fabric Defects.
Q.24 What is the advantage of Shuttle change Automatic Loom over the cop change Automatic Loom ?
Q.25 What is the role of temple in Loom ?

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