

- Q.24 Explain the tucked selvedge with suitable diagram.
- Q.25 Classify the rapier looms.
- Q.26 Explain the leno selvedge with suitable diagram.
- Q.27 Write about the Gabler system of weft insertion.
- Q.28 Write about the profile reed and its function.
- Q.29 Explain the features of water-jet loom.
- Q.30 Write a short note on weft accumulator.
- Q.31 Discuss the problems during weft insertion in air-jet loom.
- Q.32 Write a short note on water-jet loom.
- Q.33 Write in brief about rapier loom.
- Q.34 Write about the disadvantages of modern weaving mechanism
- Q.35 Explain the conventional selvedges.

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x10=20)

- Q.36 Explain the method of picking on a projectile loom with neat and clean
- Q.37 Discuss the picking method on an airjet loom with suitable diagram.
- Q.38 Explain the advantages and disadvantages of water-jet loom.

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**5th Sem./ Branch : Textile Design
Subject:- Fabric Manufacturing-III**

Time : 3Hrs. M.M. : 100

SECTION-A

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

- Q.1 Shuttleless looms are known as _____
 a) Conventional looms
 b) None woven looms
 c) Unconventional looms
 d) None of these
- Q.2 A Projectile loom is also known as
 a) Shuttleless strain
 b) Missile Loom
 c) Miniature shuttle loom
 d) All of these
- Q.3 The breakages of warp threads in modern weaving machines is more than that of shuttle looms due to _____
 a) Less strain b) High speed
 c) Fine yarn d) All of these

- Q.4 The rapier loom has _____ maintenance cost than the shuttle loom.
- a) More b) Equal
c) Less d) None of these
- Q.5 Which process is eliminated in modern weaving machines ?
- a) Cone winding b) Wrapping
c) Sizing d) Pirn winding
- Q.6 The two rapiers enter the shed _____.
- a) At different times. b) At the same time
c) Both (a) and (b) d) None of these
- Q.7 The warp threads for leno selvege formation rapier loom are taken on the _____.
- a) Same warp beams b) Separated bobbins
c) Both (a) and (b) d) None of these
- Q.8 Count of reed is known as _____.
- a) Number of dents per inch
b) Number of dents per two inch
c) The number of dents per four inch
d) None of these
- Q.9 During weaving the tension in wrap sheep is maintained by _____.
- a) Let-off motion, b) Take-up motion
c) Both (a) and (b) d) None of these

- Q.10 Which of these motions is / are used to make a loom more automatic ?
- a) Secondary b) Tertiary
c) Auxilliary d) Both (b) and (c)

SECTION-B

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

- Q.11 Define shedding.
Q.12 Who invented the water-jet loom.
Q.13 What is fell of cloth ?
Q.14 What is beat-up ?
Q.15 What is race board ?
Q.16 What is take-up motion ?
Q.17 What is cloth roll ?
Q.18 What is warp beam ?
Q.19 What is selvedge ?
Q.20 What is reed ?

SECTION-C

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

- Q.21 Discuss in brief about projectile loom.
Q.22 Write about pneumatic loom.
Q.23 Discuss about the advantages of modern picking mechanisms.