

- Q.31 Discuss about the control of the first pick in draper rapier loom.
- Q.32 Write about the selvedge formed in water-jet loom.
- Q.33 Explain the disadvantages of water jet loom.
- Q.34 Explain the conventional selvedge with diagram.
- Q.35 Discuss in brief about air jet loom.

SECTION-D

- Note :** Long Answer type question. Attempt any two questions out of three questions. (2x10=20)
- Q.36 Discuss the Weft insertion in a rapier loom with neat and clean diagram.
- Q.37 Explain the weft insertion in an air-jet loom with neat and clean diagram.
- Q.38 Write about the advantages and disadvantages of shuttleless looms.

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**5th Sem, Branch : Textile Design
 Subject : Fabric Manufacture-3**

Time : 3 Hrs.

M.M. : 100

SECTION-A

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

- Q.1 Unconventional looms are _____.
 a) Shuttle looms b) Handlooms
 c) Shuttleless looms d) Manual picking looms
- Q.2 Picking in projectile loom is done from _____.
 a) Both sides b) The same side
 c) Both of these d) None of these
- Q.3 Rapier looms are _____ than the shuttle looms.
 a) More noisy b) Less noisy
 c) Equally noisy d) None of these
- Q.4 In water jet looms the pick is _____.
 a) Moderately Tensioned
 b) Highly tensioned
 c) Tensionless
 d) None of these
- Q.5 Shuttleless looms give _____ production than the shuttle loom.
 a) Equal b) Less
 c) Higher d) None of these

- Q.6 Shuttleless looms are _____ to work than the shuttle looms.
 a) Difficult b) Hard
 c) Easier d) None of these
- Q.7 Weft in rapier looms is inserted according to _____.
 a) Dewas system b) Gabler system
 c) Both A & B d) None of these
- Q.8 In rapier loom the two weft carrier meet in _____ of shed.
 a) Left side b) Right side
 c) Top d) Middle
- Q.9 Supply packages in air-jet looms are placed in the _____.
 a) Creel b) Shuttle box
 c) Magazine d) Trolley
- Q.10 Air pressure in air-jet loom is created by _____.
 a) Reed b) Heald
 c) Nozzle d) Crank

SECTION-B

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

- Q.11 What is race board?
 Q.12 What is a shuttle box?
 Q.13 Which device takes the last weft inserted to the fell of cloth?
 Q.14 Warp beam is also known as _____.

- Q.15 Which type of yarn is used as weft in water jet loom?
 Q.16 Name the nozzle which receives the pick at the receiving side on the air-jet loom.
 Q.17 Sheeding in water-jet loom is done by _____ motions.
 Q.18 Beat-up in water-jet loom is done by _____ driven sley.
 Q.19 _____ Selvedge is formed on left side in water-jet loom.
 Q.20 There is/are _____ race board in air-jet loom.

SECTION-C

- Note:** Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)
- Q.21 Write in brief about the water-jet loom.
 Q.22 Discuss in brief about projectile loom.
 Q.23 Write in brief about the cross leno selvedge with diagram.
 Q.24 Explain the tucked selvedge with diagram.
 Q.25 Discuss the main advantages of rapier loom.
 Q.26 Explain the function of confuser in Air-Jet loom.
 Q.27 Discuss the importance of profile reed with diagram.
 Q.28 Write about the main mechanisms on a water jet loom.
 Q.29 Explain the main advantages of water jet loom.
 Q.30 Give the classification of rapier looms.