

- Q.31 Discuss about the control of the first pick in draper rapier loom.
- Q.32 Write about the selvage formed in water-jet loom.
- Q.33 Explain the disadvantages of water jet loom.
- Q.34 Explain the conventional selvage 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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Roll No.....

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 _____.

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- 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 Shedding 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.

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