

- Q.26 Write down the important parts of looms.
- Q.27 Classify different types of rapiers.
- Q.28 Write down the limitations or disadvantages of rapier loom.
- Q.29 Write down the important parts of water jet loom.
- Q.30 What is the purpose of a selvedge?
- Q.31 Write a short note on tucked in selvedge.
- Q.32 Write difference fabric defects occurring due to weft.
- Q.33 Describe how end breaks in weaving can be minimized.
- Q.34 Write down the process control parameters in warping.
- Q.35 Calculate the actual production a loom for one day if it is running at a speed of 450 rpm with an efficiency of 90% and producing a fabric having picks per inch 72.

SECTION-D

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

- Q.36 Describe the construction detail and working of electrical warp stop motion.
- Q.37 Write down important parts and working of air jet loom.
- Q.38 Describe the various factors affecting the production and efficiency of weaving mill.

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5th Sem. / 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 The part which avoids wise contraction of a fabric on the loom is known as:
 a) Drop pin b) Reed
 c) Feeler d) Temple
- Q.2 Which is not a type of weft feeler?
 a) Chemical b) Electrical
 c) Mechanical d) Optical
- Q.3 In which loom the exhausted pirn is replaced by the full one without stopping the loom?
 a) Gripper loom b) Automatic loom
 c) Rapier loom d) Air jet loom
- Q.4 In which loom, multiple grippers are used for picking?
 a) Rapier loom b) Air jet loom
 c) Automatic loom d) Projectile loom

- Q.5 Rigid and flexible are the types of
a) Gripper b) Nozzle
c) Rapier d) Temple
- Q.6 In which loom pick of weft is inserted by fluid?
a) Gripper loom b) Automatic loom
c) Water jet loom d) Rapier loom
- Q.7 In thermoplastic fabrics which type of selvedge is formed?
a) Leno selvedge b) Tucked in selvedge
c) Fused selvedge d) Chain stich selvedge
- Q.8 How many warp beams are used in a terry loom?
a) 4 b) 2
c) 3 d) 1
- Q.9 Fabric defect "Snarl" occurs due to:
a) Healds b) Reed
c) Loose pirn d) Emery
- Q.10 Which of the following improves an operator's efficiency?
a) Selvedge formation
b) Temperature and Humidity
c) Maintenance
d) Pile formation

SECTION-B

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

- Q.11 What is the object of warp stop motion?
Q.12 What is the function of a feeler?
Q.13 Name two types of automatic loom.
Q.14 Give one disadvantage of shuttle loom.
Q.15 What is the speed (Pick per minute) of rapier loom?
Q.16 Write application of air jet weaving.
Q.17 Name two types of unconventional selvedges.
Q.18 Write one use of terry fabrics.
Q.19 Name two fabric defects due to warp.
Q.20 Name two factors which affect the production of a loom.

SECTION-C

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

- Q.21 Write down the importance of warp stop motion.
Q.22 Name important parts of mechanical warp stop motion.
Q.23 Write a short note on ring temple.
Q.24 What are the advantages of automatic loom?
Q.25 Give classification of various types of projectile loom.