

- Q.30 Describe the role of a selvedge in fabric.
- Q.31 Write a short note on leno selvedge.
- Q.32 Write the features of a terry loom.
- Q.33 Write down the process control parameters in warping.
- Q.34 Name various factors affecting the production of a loom.
- Q.35 Calculate the actual production of air-jet loom in meters per shift (8 hours) if it is running at a speed of 600 rpm with an efficiency of 90% and producing a fabric having picks per inch 60.

Section-D

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

- Q.36 Describe the construction detail and working of automatic pirn change mechanism with diagram.
- Q.37 Write down main features, requirement of yarn and application of water jet loom.
- Q.38 Mention different types of fabric defects along with their causes and remedies.

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Roll No.

5th Sem., Branch : Text. Tech. Subject : Weaving Technology - III

Time : 3 Hrs.

M.M. : 100

SECTION-A

Note: Multiple type Questions. All Questions are compulsory. (10x1=10)

- Q.1 The process of passing the weft yarn through the shed is called:
- a) Shedding b) Picking
- c) Beating d) Drawing-in
- Q.2 Warp and Weft are also known as _____ and _____ respectively.
- a) Picks and Ends b) Ends and Picks
- c) Both of these d) None of these
- Q.3 Warp stop motion is a type of:
- a) Auxiliary Motions
- b) Primary Auxiliary Motions
- c) Secondary Motions
- d) None of these
- Q.4 The part, which is used to detect the presence of weft, is known as :
- a) Temple b) Feeler
- c) Droppin d) Shuttle

- Q.5 In which loom, picking is carried out by shuttle?
 a) Rapier Loom b) Air Jet Loom
 c) Water Jet Loom d) Automatic Loom
- Q.6 The speed of shuttle-less looms is generally _____ than shuttle loom.
 a) Lower b) Equal
 c) Higher d) None of these
- Q.7 Dewas and Gabler systems are used in:
 a) Projectile weaving b) Rapier weaving
 c) Air jet weaving d) Water jet weaving
- Q.8 Closed selvedge is formed in:
 a) Projectile Loom b) Air Jet Loom
 c) Shuttle Loom d) None of these
- Q.9 In which loom, two warp beams are used?
 a) Air Jet Loom b) Water Jet Loom
 c) Terry Loom d) Rapier Loom
- Q.10 "Float" is a type of:
 a) Warp Beam b) Fabric Defect
 c) Feeler d) Temple

Section-B

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

- Q.11 Name two types of warp stop motion.
 Q.12 Name two types of weft feeler.
 Q.13 Give one advantage of automatic loom.

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- Q.14 What is the approximate speed (Pick per Minute) of automatic loom?
 Q.15 Give one advantage of shuttle-less loom.
 Q.16 What is the approximate speed (Picks per Minute) of air jet loom.
 Q.17 Name two types of selvages used in shuttle less weaving.
 Q.18 In which type of fabric fused selvedge is done?
 Q.19 Give applications of terry fabrics.
 Q.20 Name two fabric defects occurring due to weft.

Section-C

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

- Q.21 Name Important parts of electrical warp stop motion.
 Q.22 What is the function of temple in a loom? Name various types of temples.
 Q.23 Write a short note on optical weft feeler.
 Q.24 What are the disadvantages of shuttle loom?
 Q.25 Give classification of various types of shuttle-less looms with their speeds.
 Q.26 Write principle of weft insertion in rapier weaving.
 Q.27 Differentiate dewas and gabler rapier weft insertion system.
 Q.28 Write a short note on projectile weaving.
 Q.29 Write down the important parts of air jet loom.

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