

- Q.26 Explain the loom timing Briefly.
- Q.27 List out the merits and demerits of over and under pick motion
- Q.28 Briefly explain the history of weaving.
- Q.29 Draw the various parts of negative let off motion.
- Q.30 Write a note on importance of sley eccentricity.
- Q.31 Draw the sketch of Beat up motion of a loom.
- Q.32 Step wise drive the general formula to calculate the loom production in kgs per day
- Q.33 Write the factors which effect the sley eccentricity of loom.
- Q.34 What are the objective of weft fork motion in loom?
- Q.35 Draw the sketch of Continuous take up motion.

SECTION-D

- Note:** Long answer type questions. Attempt any two questions out of three questions. (2x10=20)
- Q.36 Explain the working of seven wheel take up motion with neat and clean sketch.
- Q.37 Explain over pick motion with neat and clean sketch.
- Q.38 Explain the loose read warp protection motion with neat and clean sketch.

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3rd Sem / Text Design, Text Tech. Subject:- Weaving Technology - I

Time : 3Hrs.

M.M. : 100

SECTION-A

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

- Q.1 Loom timing is adjusted w.r.t.
- a) Auxiliary shaft b) Crank Shaft
c) Bottom shaft d) None of the above
- Q.2 Primary motions of loom is
- a) Beat up b) Picking
c) Shedding d) all of the above
- Q.3 When the shuttle passes through the open shed is called
- a) Take up Motion b) Beat up motion
c) Shedding d) Picking
- Q.4 Weft yarn is passed through the open shed with the help of
- a) Bottom shaft b) Shuttle
c) Front roller d) Heald shaft

- Q.5 The process of passing warp yarns through the eye of heald is known as
- Weaving
 - Drafting
 - Denting
 - Designing
- Q.6 Yarns parallel to selvedge of fabric are known as
- Pick
 - Warp
 - Weft
 - None of the above
- Q.7 The raising of warp according to design is known as
- Lifting
 - Drawing
 - Denting
 - none of the above
- Q.8 When the picking is done by the mechanism above the warp sheet is known as
- Overpick motion
 - Underpick motion
 - Side lever pick motion
 - Shedding
- Q.9 When the shuttle comes out from the shed during picking is called
- Shuttle Fly out
 - Jerk
 - shuttle trap
 - None of the above
- Q.10 When the last pick is pushed towards the cloth fell is known as_____.
- Let-off Motion
 - Beat-up
 - Take up
 - Picking

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SECTION-B

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

- Q.11 What is Warp?
- Q.12 What is PPI?
- Q.13 Shedding is of _____ types.
- Q.14 What is Read Count?
- Q.15 What is Heald Count?
- Q.16 Loom speed is expressed in term of_____.
- Q.17 What is Weaving?
- Q.18 What is fell of cloth?
- Q.18 Healds in the loom are used for_____.
- Q.20 What is PPM?

SECTION-C

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

- Q.21 What are the objectives of Take up motion? Name different types of Take up motion.
- Q.22 Differentiate between early and late shedding.
- Q.23 Name 05 different methods to express reed count.
- Q.24 Draw the passage of material through plain tappet loom.
- Q.25 Explain the open shed along with its merits.

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