

- Q.26 Draw the passage of material through loom
- Q.27 Name the different types of Healds and reeds.
- Q.28 Differentiate between early and late shedding.
- Q.29 List out the merits and demerits of over and under pick motion.
- Q.30 Write the factors which effect the sley eccentricity of loom.
- Q.31 Draw the various parts of negative let off motion.
- Q.32 Briefly explain the primary motions of loom.
- Q.33 Write a note on importance of sley eccentricity.
- Q.34 Draw the sketch of 5 wheel take up motion.
- Q.35 Draw the sketch of Break motion of loom.

SECTION-D

- Note:** Long answer type questions. Attempt any two questions out of three questions. (2x10=20)
- Q.36 Explain tappet shedding mechanism with neat and clean sketch.
- Q.37 Explain Side lever underpick pick motion of loom with neat and clean sketch.
- Q.38 Calculate the dividend for standard seven wheel take up motion.

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Time : 3Hrs.

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SECTION-A

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

- Q.1 The motion which helps to improve the quality of fabric are
- a) Primary Motion b) Secondary Motion
- c) Auxiliary Motion d) None of the above
- Q.2 The sley in the loom moves forward and backward for
- a) Shedding b) Picking
- c) Beat up d) All of the above
- Q.3 In tappet shedding maximum heald shaft we can use
- a) Four b) Five
- c) Six d) Eight
- Q.4 Primary motions of loom are
- a) Picking b) Shedding
- c) Beat up d) all of the above

- Q.5 Let-off motion operated manually in
- Handloom
 - shuttless loom
 - Power loom
 - None
- Q.6 The raising of warp according to design is known as
- Denting plan
 - Lifting plan
 - Drawing plan
 - none of the above
- Q.7 When the picking is done by the mechanism below the warp sheet is known as
- Underpick Motion
 - Overpick motion
 - Beat up
 - Shedding
- Q.8 Loom timing is adjusted w.r.t.
- Bottom shaft
 - Crank shaft
 - Auxiliary shaft
 - None of the above
- Q.9 Dividing the warp sheet in two layers is called
- Beat up motion
 - Take up Motion
 - Picking
 - Shedding
- Q.10 Number of fillings per inch in a fabric stands for
- EPI
 - PPI
 - TPI
 - None of the above

SECTION-B

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

- Q.11 What is Handloom?
- Q.12 What is Selvedge?
- Q.13 Loom speed is expressed in term of_____.
- Q.14 What is Fabric?
- Q.15 Expand the term PPI?
- Q.16 Expand the term PPM?
- Q.17 Shed is of_____ types.
- Q.18 Healds in the loom are used for_____.
- Q.19 Expand the term EPI?
- Q.20 What is weft?

SECTION-C

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

- Q.21 What are the objectives of Let off motion. Name different types of Let off motion.
- Q.22 How the reed count is expressed in the loom.
- Q.23 What is the role of temples in Loom?
- Q.24 Explain the loom timing Briefly.
- Q.25 Draw the roller reversing motion for 2 up 1 down twill weave.