

- Q.26 Differentiate between Single lift and Double lift Dobby.
- Q.27 Classify the Jacquard Shedding Mechanism.
- Q.28 Draw the Sequence for preparation of Jacquard Design.
- Q.29 Classify the Dobby Shedding Mechanism.
- Q.30 Briefly explain the objective of Drop Box Motion.
- Q.31 Calculate the production in meters of a jacquard loom running at 250 PPM at 85% efficiency for 8 Hours, Producing a fabric with 50 PPI.
- Q.32 Name the Different types of Harness Ties in Jacquard Loom.
- Q.33 Compare the Tappet Shedding with Dobby Shedding.
- Q.34 Draw center and straight harness ties.
- Q.35 Write a short note on cross border jacquard.

#### Section-D

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

- Q.36 Draw the Piano card cutting machine and explain briefly.
- Q.37 Explain the working of Double lift Single Cylinder Jacquard with neat and clean sketch.
- Q.38 Explain the working of climax Dobby with neat and clean sketch.

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**4th Sem. Branch : Text. Design, Textile Technology  
Subject : Weaving Technology - II**

Time : 3 Hrs. M.M. : 100

**SECTION-A**

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

- Q.1 The process of passing warp yarns through the Reed is known as
- a) Denting
  - b) Drafting
  - c) Weaving
  - d) Designing
- Q.2 \_\_\_\_\_ Works on single lift principal.
- a) Dobby
  - b) Jacquard
  - c) Both A & B
  - d) None A & B
- Q.3 In conventional looms weft yarn is passed through the open shed with \_\_\_\_\_.
- a) Rapier
  - b) Projectile
  - c) Shuttle
  - d) Airjet
- Q.4 Dobby loom works in the range of \_\_\_\_\_ repeats.
- a) 6-8
  - b) 24-36
  - c) 100
  - d) No limit

Q.5 Card cutting machine is associated with \_\_\_\_\_.

- a) Jacquard
- b) Tappet shedding
- c) Dobby Shedding
- d) None of the above

Q.6 Bottom close shed is formed in

- a) Single lift dobby
- b) Double lift Double cylinder jacquard
- c) Double lift Single cylinder jacquard
- d) All of the above

Q.7 Single lift Dobby is mounted on which shaft of the loom

- a) Crank shaft
- b) Bottom shaft
- c) Heald shaft
- d) All of the above

Q.8 Box motion is associated with \_\_\_\_\_.

- a) Heald
- b) Tappet
- c) Shedding
- d) Picking

Q.9 When the shuttle Struck in the shed during picking is called

- a) Jerk
- b) Shuttle Fly out
- c) Shuttle trap
- d) None of the above

Q.10 Tlever is associated with

- a) Jacquard
- b) Box motion
- c) Dobby
- d) None of the above

### Section-B

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

Q.11 What is Dobby?

Q.12 What is Fine Pitch Jacquard?

Q.13 What is Function of Lingo in Jacquard?

Q.14 What is box motion in a Loom?

Q.15 What is the role of temple in Loom?

Q.16 Write the name of Different types of Dobby?

Q.17 What is Pegging?

Q.18 Name Different types of Drop Box Motion.

Q.19 Name the Fault associated with Dobby Shedding.

Q.20 What is Harness Mounting?

### Section-C

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

Q.21 Draw the sequence wise production for jacquard design.

Q.22 Differentiate between Climax and Keighley Dobby.

Q.23 Describe The factors considered for preparation of pegging dobby.

Q.24 Explain the timing of Climax Dobby.

Q.25 Compare the conventional Dobby with paper dobby mechanism.