

- Q.24 Differentiate between tappet and dobby mechanism.
- Q.25 Name the fault related with dobby mechanics and their possible causes.
- Q.26 Briefly explain the role of box motion.
- Q.27 Name the different types of Jacquard shedding and explain briefly fine pitch Jacquard.
- Q.28 Explain the dobby timing.
- Q.29 List out the merits of double lift Jacquard.
- Q.30 Write the sequence for preparation of Jacquard design.
- Q.31 Draw the straight and centre harness ties with suitable design.
- Q.32 Explain the left hand dobby.
- Q.33 Name different types of harness ties.
- Q.34 Differentiate between single lift and double lift.
- Q.35 Explain Box motion in detail.

#### SECTION-D

- Note:** Long answer type questions. Attempt any two questions out of three questions. (2x10=20)
- Q.36 Explain climax dobby mechanism with neat and clean sketch.
- Q.37 Explain double lift double cylinder Jacquard with neat and clean sketch.
- Q.38 Explain the working and construction of any two parts of Jacquard in detail.

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#### 4th Sem / Text. Design, Text. Tech. Subject:- Weaving Technology - II

Time : 3Hrs.

M.M. : 100

#### SECTION-A

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

- Q.1 \_\_\_\_\_ shed is formed in the single lift dobby
- a) Bottom close                      b) centre close
- c) Open                                  d) semiopen
- Q.2 When the shuttle passes through the open shed is called
- a) Beat up motion                      b) Take up motion
- c) Picking                                  d) Shedding
- Q.3 When the last pick is pushed towards the cloth fell is known as\_\_\_\_\_.
- a) Let-off Motion                      b) Take up
- c) Beat-up                                  d) Picking
- Q.4 \_\_\_\_\_ shed is formed in double lift jacquard.
- a) Centre close                      b) Bottom close
- c) Semiopen                                  d) Open

- Q.5 The process of passing warp yarns through the eye of reed is known as
- Denting
  - Drafting
  - Weaving
  - Designing
- Q.6 Primary motions of loom are
- Picking
  - Shedding
  - beat up
  - all of the above
- Q.7 Weft yarn is passed through the shed with the help of
- heald shaft
  - Front roller
  - Shuttle
  - Bottom shaft
- Q.8 Yarn parallel to selvedge are known as
- Warp
  - Weft
  - Pick
  - None of the above
- Q.9 The raising of warp according to design is known as
- Denting
  - Drawing
  - Lifting
  - none of the above
- Q.10 When the picking is done by the mechanism above the warp sheet is known as
- Under pick Motion
  - Over pick motion
  - Side lever pick motion
  - Shedding

## SECTION-B

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

- Q.11 What is PPM?
- Q.12 Expand the Term SLDC.
- Q.13 Maximum capacity of Repeat of Dobby loom is\_\_\_\_\_.
- Q.14 Name the first feeler in right hand Dobby?
- Q.15 In left hand Dobby the pattern cylinder moves in \_\_\_\_\_ direction.
- Q.16 Shed in weaving is of\_\_\_\_\_ types.
- Q.17 Loom speed is expressed in term of\_\_\_\_\_.
- Q.18 Harness in the loom is used for\_\_\_\_\_.
- Q.19 What is Lingoe?
- Q.20 What is fell of the cloth?

## SECTION-C

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

- Q.21 What are the objectives of Dobby. Classify the Dobby mechanism.
- Q.22 Differentiate between paper dobbie and conventional dobbie system.
- Q.23 Differentiate between single lift and double lift dobbie.