

- Q.27 Explain the dobby timing.
- Q.28 Name different types of jacquard shedding.
- Q.29 Write the sequence for preparation of jacquard design.
- Q.30 List our the merits of double cylinder jacquard.
- Q.31 Draw the Straight and centre harness ties with suitable design.
- Q.32 Write a note on Card punching machine.
- Q.33 Explain the right hand dobby.
- Q.34 Draw the sketch of harness and label its various parts.
- Q.35 Draw and explain single lift single cylinder jagquard.

## SECTION-D

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

- Q.36 Explain Keighley dobby shedding mechanism with neat and clean sketch.
- Q.37 Differentiate between single lift single cylinder and double lift double cylinder jacquard.
- Q.38 Explain the working principles of electronic jacquard and write its advantages.

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Roll No. ....

**4th Sem.**

**Branch : Text. Desgn, Text. Tech.**

**Sub.: Weaving Technology-II**

Time : 3 Hrs.

M.M. : 100

## SECTION-A

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

- Q.1 In dobby shedding maximum Heald shaft we can use
- a) Twelve                                  b) Hundred  
c) Forty                                      d) No limit
- Q.2 Primary motions of loom are
- a) Picking                                  b) Shedding  
c) Beat up                                  d) All of the above
- Q.3 Pattern cylinder is used to move
- a) Card chain                                b) Reed  
c) Shuttle                                     d) None of the these
- Q.4 Yarns parallel of the selvedge in the fabric are known as
- a) Warp                                        b) Weft  
c) Pick                                         d) None of the above
- Q.5 The sley in the loom moves forward for
- a) Shedding                                  b) Picking  
c) Beat up                                     d) All of the above

- Q.6 The raising of warp according to design is known as  
 a) Denting                              b) Lifting  
 c) Drawing                              d) None of the above
- Q.7 Secondary motions of loom are  
 a) Picking                              b) Shedding  
 c) Take up and Left off      d) All of the above
- Q.8 Number of fillings per inch in a fabric stands for  
 a) EPI                                      b) PPI  
 c) TPI                                      d) None of the above
- Q.9 Loom timing is adjusted w.r.t  
 a) Bottom shaft                      b) Crank shaft  
 c) Auxiliary shaft                      d) None of the above
- Q.10 Full form of DLDC is  
 a) Double loom Double cloth  
 b) Double lift double cycle  
 c) Double lift double cylinder  
 d) None of above

#### SECTION-B

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

- Q.11 Define Heald shaft.

- Q.12 Name any two methods of shedding.
- Q.13 Draw border harness ties.
- Q.14 Name two important parts of Keighley dobby.
- Q.15 In right hand dobby the pattern cylinder moves in \_\_\_\_\_ direction.
- Q.16 Box motion in the loom is used for \_\_\_\_\_.
- Q.17 Loom speed is expressed in terms of \_\_\_\_\_.
- Q.18 Shedding in weaving is of \_\_\_\_\_ types.
- Q.19 What is selvedge?
- Q.20 What is the role of multiply box.

#### SECTION-C

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

- Q.21 What are the objectives of box motion?
- Q.22 Write the advantages of paper dobby over other system of dobby.
- Q.23 Differentiate between single lift and double lift jacquard.
- Q.24 Differentiate between London system and Norwich system of jacquard harness mounting.
- Q.25 Name the fault related with dobby mechanics and their possible causes.
- Q.26 Briefly explain the Norwich system of jacquard mounting.