

- Q.28 What do you understand by the figuring capacity of jacquard.
- Q.29 Draw the pattern chain for a 4x4 box motion.
- Q.30 Give a brief introduction of multiple box motion.
- Q.31 Discuss about the inverted hook jacquard in brief.
- Q.32 Explain the working of pick at will box motion.
- Q.33 Construct the diagram of single lift single cylinder jacquard and name its different parts.
- Q.34 Discuss the features of single lift single cylinder jacquard?
- Q.35 Write in brief about the leno jacquard.

SECTION-D

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

- Q.36 Explain the construction and working principle of piano card cutting machine with the help of well-illustrated diagram.
- Q.37 Explain the working principle of climax dobby and discuss about its parts with the help of neat and clean diagram.
- Q.38 Explain the working principle of Eccle's drop box motion with a well-illustrated diagram.

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4th Sem.

Branch : Text. Desgn.

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SECTION-A

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

- Q.1 Drop box motion are used to produce
a) Weft mixing b) Weft replacement
b) Shedding d) None
- Q.2 The jacquard in which only one cylinder is used is called as
a) Single lift single cylinder b) Cross border
c) Double lift Double cylinder d) None of these
- Q.3 Harness cord is used to control the warp yarns in
a) Tappet shedding b) Dobby shedding
c) Jacquard shedding d) None of these
- Q.4 Wooden pattern chain is used in which mechanism
a) Dobby shedding b) Jacquard shedding
c) Tapped shedding d) None of these
- Q.5 Climax Dobby works by the help of
a) Harness cord b) Jack and lever
c) Spring arrangement d) None of these

- Q.6 Harness cord is made from which of the following fiber
 a) Cotton yarn b) Nylon
 c) Polyester d) None of these
- Q.7 Number of needles and hooks are same in
 a) Single lift single cylinder
 b) Double lift single cylinder
 c) Double lift Double cylinder
 d) None of these
- Q.8 The jacquard in which number of hooks are double to the needles is
 a) Single lift single cylinder
 b) Double lift single cylinder
 c) Double lift Double cylinder
 d) None
- Q.9 A Jacquard weaving machine has
 a) Heald shafts b) Harness cords
 c) Tappet d) None of these
- Q.10 IN a double lift single cylinder jacquard, one needle controls _____ hook
 a) One b) Two
 c) Three d) Four

SECTION-B

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

- Q.11 Harness tying is used to connect the _____.

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- Q.12 The box in which shuttle rests is called as _____.
- Q.13 The jacquard in which hooks are facing each other is inverted hook jacquard. (True/False)
- Q.14 Tell the function of spring box in jacquard.
- Q.15 Tell one advantage of double lift double cylinder jacquard.
- Q.16 London and Norwich are the types of _____.
- Q.17 The comb like structure used in loom is called as reed. (True/False)
- Q.18 Tell the use of paper in a paper dobby shedding mechanism.
- Q.19 Define single lift dobby.
- Q.20 Leno jacquards are used where we use _____.

SECTION-C

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

- Q.21 Explain the defects in double lift single cylinder jacquard.
- Q.22 Explain the Norwich system of harness building.
- Q.23 Write five advantages of double lift single cylinder jacquard over single lift single cylinder jacquard.
- Q.24 What are the uses of circular drop box motion in weaving machines.
- Q.25 What do you understand by pick and pick loom.
- Q.26 What are the merits of double lift double cylinder jacquard?
- Q.27 Explain the London system of harness building.

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