

- 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.

No. of Printed Pages : 4
Roll No.

182542/122542/032542

**4th Sem.
Branch : Text. Desgn.
Sub.:Fabric Manufacture-II**

Time : 3 Hrs. M.M. : 100

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 tyeing is used to connect the _____.

- 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.