

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

- Q.23 Discuss the working principle of Double Lift Single Cylinder Jacquard with neat and clean sketch,
- Q.24 Explain the Jacquard card cutting machine with neat and clean sketch,
- Q.25 Explain the Climex dobby shedding mechanism with neat and clean sketch.

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4th Sem./ Textile Technology

Subject : Weaving Technology - II

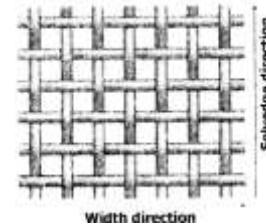
Time : 3 Hrs.

M.M. : 60

SECTION-A

Note: Multiple choice questions. All questions are compulsory (6x1=6)

- Q.1 The motion which helps to improve the quality of fabric are
- a) Primary motion b) Secondary motion
 - c) Auxiliary motion d) None of these
- Q.2 Which of the following is NOT a shedding system?
- a) Dobby b) Jacquard
 - c) Tappet d) Shuttle
- Q.3 For the plain-woven structure shown, count the number of warp and weft,
- a) 7 and 6 b) 8 and 6
 - c) 5 and 6 d) 7 and 8



Q.4 _____ shed is formed in the single lift dobby.

- a) Bottom close
- b) Centre close
- c) Open
- d) Semi open

Q.5 Lingoes are related to

- a) Jacquard
- b) Dobby
- c) Tappet
- d) None of these

Q.6 Which shedding system provides individual control over each warp yarn?

- a) Dobby
- b) Jacquard
- c) Tappet
- d) Rapier

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. $(8 \times 4 = 32)$

Q.13 Compare the tappet and dobby shedding mechanism.

Q.14 Write the objective of dobby loom.

Q.15 Compare the single lift and double lift dobby.

Q.16 Calculate the production(yards/hour) of a loom running at a speed of 192 r.p.m. with an efficiency of 75%. The number of picks inserted per inch in the cloth is 80.

Q.17 Classify the Jacquard shedding mechanism of loom.

Q.18 Classify the Dobby shedding mechanism of loom.

Q.19 Compare jacquard weaving with dobby weaving.

Q.20 Write the objective of jacquard shedding mechanism.

Q.21 Write the advantages of electronic jacquard over conventional jacquard.

Q.22 Write the advantage of paper dobby over conventional dobby system.

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. $(6 \times 1 = 6)$

Q.7 Define shedding.

Q.8 Name any two methods of shedding.

Q.9 What is the role of mail eye in jacquard shedding?

Q.10 Speed of the Loom is expressed in term of _____.

Q.11 What is the harness in the loom?

Q.12 Name the Fault associated with the Dobby shedding mechanism.