SECTION-D

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

Q.23 Define shedding motion. Discuss different types of sheds produced in weaving with the help of neat and clean diagrams.

Q.24 Discuss in detail the construction and working principle of negative tappet shedding motion with well illustrated diagram.

Q.25 Explain the construction and working principle of 7-Wheel take-up motion. Also give the advantages of 7-Wheel take up motion over 5-Wheel take up motion.

No. of Printed Pages : 4
Roll No. .....

222534/182535/
122535/032533

3rd Sem./ Textile Design
Sub : Fabric Manufacture-I

Time : 3 Hrs. M.M. : 60

SECTION-A

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

Q.1 The comb like structure used for beat – up is known as

a) Bottom shaft b) Cranks shaft
c) Heald shaft d) Reed

Q.2 To produce a defect free fabric in weaving _____ motions are necessary

a) Pirmary b) Secondary
c) Auxiliary d) None

Q.3 Bottom closed and center closed are the types of

a) Warp stop motion b) Shed
c) Weft stop motion d) None

Q.4 The motion in which picking stick is mounted over the warp sheet is

a) Underpick b) Overpick

c) Side weft d) None

Q.5 When the tappets are responsible for only one movement of heald shaft, this motion is called as

a) Negative tappet shedding

a) Positive tappet shedding

c) Open tappet shedding

d) None

Q.6 Loose reed motion is a type of _____ motion.

a) Primary b) Secondary

c) Auxiliary d) None

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. (6x1=6)

Q.7 Write the function of reed in a weaving loom.

Q.8 Define beat-up motion.

Q.9 Describe semi-open shed.

Q.10 Tell any one objective of let-off motion.

Q.11 Define take-up motion.

Q.12 Shuttle travels from one box to other for inserting weft. (True/False)

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

Q.13 Explain any four advantages of power loom over handloom.

Q.14 Differentiate between loose reed and fast reed warp protector motion.

Q.15 Give the classification chart of types of looms.

Q.16 Show the passage of yarn through the non-automatic loom.

Q.17 What do you mean by the efficiency of loom.

Q.18 What are the objectives of warp protecting motion?

Q.19 What are the limitations of tappet shedding?

Q.20 Explain the working of over pick motion.

Q.21 Explain the working principle of fast reed warp protector motion.

Q.22 Discuss different types of spring reversing motion.