Q.26 What are the limitations of tappet shedding.

Q.27 Differentiate between loose reed and fast reed motion.

Q.28 Show the passage of yarn through the non-automatic loom.

Q.29 How the reed count is expressed in the loom.

Q.30 Draw the roller revering motion for 2 up 1 down twill weave.

Q.31 List out the merits and demerits of over and under pick motion.

Q.32 Draw the sketch of 5 wheel take up motion.

Q.33 Briefly explain the primary motions of loom.

Q.34 Name the different types of Healds and reeds.

Q.35 Explain the loom timing Briefly.

SECTION-D

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

Q.36 Illustrate working principle of electrical warp stop motion with diagram in detail.

Q.37 Explain construction and working principle of 7 wheel take up motion with diagram.

Q.38 Explain passage of material through conventional loom with diagram & explain parts of loom also.

Roll No. .....

3rd Sem.

Branch : Textile Design

Sub: Fabric Manufacturing-1

Time : 3 Hrs. M.M. : 100

SECTION-A

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

Q.1 Over pick and under pick are the types of _____ Mechanism.

a) Picking b) Shedding

c) Beat up d) All of these

Q.2 Loom is a _____ machine.

a) Spinning b) Weaving

c) Knitting d) None of these

Q.3 In Dobby shedding, number of heald shafts that can be controlled are

a) 6 to 8 b) 24 to 36

c) 8 to 10d) 10 to 15

Q.4 When the picking is done under the warp sheet it is termed as

a) Under Pick b) Beat up motion

c) Over pick d) None of these

Q.5 Fast reed motion is type of _____ Motion.

a) Weft stop b) Warp protector

c) Warp stop d) None of these

Q.6 When the picking is done by the mechanism over the warp sheet is known as

a) Over pick motion

b) Beat up

c) Underpick Motion

d) All of these

Q.7 Dividing the warp sheet in two layers is called

a) Take up Motion b) Picking

c) Shedding d) Beat up motion

Q.8 The motion which helps to improve the quality of fabric are

a) Auxiliary Motion b) Primary Motion

c) Secondary Motion d) None of these

Q.9 The raising of heald frame according to design is known as

a) Drawing plan b) Denting plan

c) Lifting plan d) None of these

Q.10 In tappet shedding maximum heald shaft we can use

a) Eight b) Six

c) Five d) Four

SECTION-B

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

Q.11 Expand the tem EPI?

Q.12 Loom speed is expressed in term of _____.

Q.13 Shed is of _____ Types.

Q.14 What is Handloom?

Q.15 What is weft?

Q.16 List any one type of picking motion.

Q.17 Define crankshaft.

Q.18 Name any one warp stop motion.

Q.19 Define front rest.

Q.20 Interlacement of warp and weft is called as ____.

SECTION-C

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

Q.21 Describe the importance of primary motions.

Q.22 What are the objectives of weft stop motion.

Q.23 Describe the scope of tappet shedding.

Q.24 Discuss the heald reversing motion.

Q.25 Describe the importance of warp protector motion.