Q.26 Explain the limitations of shuttle looms.

Q.27 Describe the importance of auxilliary motions.

Q.28 Discuss various types of drop wire used in warp stop motions.

Q.29 Explain the spring reversing motion.

Q.30 Show the passage of yarn through the non-automatic loom

Q.31 What are the limitations of handloom.

Q.32 Explain the working of electrical warp stop motion

Q.33 Discuss the overpick motion.

Q.34 Explain the secondary motions of loom

Q.35 Illustrate the working of 5-wheel take-up motion with diagram.

SECTION-D

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

Q.36 Illustrate working principle of negative tappet shedding motion with diagram in detail.

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

Q.38 Explain side weft fork weft stop motion in detail with neat diagram.

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3rd Sem / Textile Design
Subject:- Fabric Manufacture - 1

Time : 3Hrs. M.M. : 100

SECTION-A

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

Q.1 When the shuttle is passed from one side to the other through the warp sheet, it is termed as

a) Shedding b) Picking
c) Beat-up d) None

Q.2 The loom which is operated by hands and feet is known as

a) Handloom b) Power loom
c) Shuttleless loom d) None

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

a) 24 to 36 b) 10 to 15
c) 6 to 8 d) 8 to 10

Q.4 In fast reed warp protector motion the reed is_____

a) Fixed b) Loose
c) Not used d) None

Q.5 The process of passing the warp yarns through reed and heald frame is known as

a) Shedding b) Lifting

c) Drafting d) Take-up

Q.6 Which of the following is a secondary motion

a) Take-up b) Picking

c) Shedding d) All

Q.7 Loom is a _____ machine

a) Spinning b) Weaving

c) Knitting d) None

Q.8 The motion in which fabric is wound on the cloth roller is termed as

a) Beat-up motion b) Take up motion

c) Let-off motion d) None

Q.9 Woven fabric is produced by the _____ of yarns

a) Joining b) Interlacement

c) Intermeshing d) None

Q.10 Over pick and under pick are the types of _____ mechanism

a) Shedding b) Beat-up

c) Picking d) All

SECTION-B

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

Q.11 Describe emery roller

Q.12 Sley helps in the_____motion.

Q.13 Define hand loom.

Q.14 Name any one fabric faults

Q.15 Tell anyone type of warp stop motion

Q.16 Define heald shaft

Q.17 Yarns parallel to the selvedge are called as_____

Q.18 List any one type of take-up motion

Q.19 _____travels from one box to other for inserting weft.

Q.20 Define tappet.

SECTION-C

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

Q.21 Describe the importance of weaving motions

Q.22 Discuss the working principle of beat-up motion

Q.23 What are the objectives of warp stop motion

Q.24 Differentiate between primary and secondary weaving motions

Q.25 Describe the scope of tappet shedding.