Q.27 Classify the loom motion/mechanisms.

Q.28 Explain the role of temple in the loom .

Q.29 Draw the over pick motion and label the parts.

Q.30 Explain the sely eccentricity of loom .

Q.31 Draw the various parts of negative let off motion.

Q.32 What is the shuttle fly out and shuttle trap in loom ?

Q.33 Draw the loose reed mechanism of loom ?

Q.34 Calculate the production of power loom per shift of 8 hours running at 180 RPM and 85% efficiency producing a fabric with 60 PPI.

Q.35 Draw the sketch of tapper shedding mechanism of a loom.

SECTION-D

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

Q.36 Explain loose reed mechanism with neat and clean sketch.

Q.37 Explain under pick motion with neat and clean sketch.

Q.38 Explain the working of seven wheel take up motion with neat and clean sketch.

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3rd Sem / Textile Technology, Text Design
Subject:- Weaving Technology - I

Time : 3Hrs. M.M. : 100

SECTION-A

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

Q.1 The plan for passing warp yarns through the open space of reed is known as

a) Denting b) Drafting
c) Pegging d) Designing

Q.2 In the fabric yarns parallel to reed are known as

a) Warp b) Weft
c) Selvedge yarns d) None of these

Q.3 Passing the weft yarn through the open shed is called

a) Picking b) Beat up
c) Shedding d) None of these

Q.4 Winding the woven cloth on the roller after weaving is called

a) Let off b) Take up
c) Beat up d) All of the above

Q.5 In weft fork motion weft is censed for every pick in _____.

a) Center Weft fork motion

b) Side weft fork motion

c) Brake motion

d) All of the above

Q.6 Passing the warp through reed and eyes of healds according to design is known as

a) Peg plan b) Drawing in

c) Lifting plan d) None of the above

Q.7 When the sley is above the picking mechanism, the mechanism is known as

a) Under pick motion b) Over pick motion

c) Sley eccentricity d) Shedding

Q.8 Picker in the loom gets the motion from .

a) Bottom shaft b) Crank shaft

c) Auxiliary shaft d) None of the above

Q.9 Sheds are of _____ types .

a) Two b) Three

c) Four d) Five

Q.10 When the shuttle gets stuck in the shed during picking is called

a) Jerk b) Shuttle Fly out

c) Shuttle trap d) None of the above

SECTION-B

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

Q.11 Loom is used for _____.

Q.12 What is filling in the fabric ?

Q.13 What is warp ?

Q.14 What is fabric ?

Q.15 Reed is used for _____motion.

Q.16 What is shuttle ?

Q.17 Frog is used in _____stop motion .

Q.18 Temples in the loom are used for _____.

Q.19 Take up motion in the loom is used for _____.

Q.20 Let off motion is of _____ types.

SECTION-C

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

Q.21 What are the objectives of let off motion.

Q.22 How reed count and heald count is expressed?

Q.23 Draw the passing of material through power loom.

Q.24 Explain shedding timing and elaborate early and late shedding.

Q.25 Explain the History of weaving .

Q.26 Briefly explain the primary motion of loom.