Q.31 Draw the various parts of fast reed motion of loom.

Q.32 Draw the sketch of 7 wheel take up motion.

Q.33 Calculate the Production of Power loom per shift of 8 hours running at 220 RPM and 85% efficiency producing a fabric with 55 PPI.

Q.34 Name the different types of temples used on the loom.

Q.35 Draw the sketch of Break motion of loom.

SECTION-D

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

Q.36 Explain tappet shedding mechanism with neat and clean sketch.

Q.37 Explain Over pick motion of loom with neat and clean sketch.

Q.38 Explain Side weft fork motion of loom with neat and clean sketch.

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Roll No. .....

3rd Sem.

Branch : Text Desgn., Text Tech.

Sub.: Weaving Technology - I

Time : 3 Hrs. M.M. : 100

SECTION-A

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

Q.1 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.2 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.3 The plan for passing warp yarns through the open space of reed is known as

a) Denting b) Drafting

c) Pegging d) Designing

Q.4 When the Sley is Below the picking mechanism, the mechanism is known as

a) Under pick Motion b) Over pick motion

c) Side lever pick motion d) Shedding

Q.5 Picker is the Loom gets the motion from.

a) Bottom shaft b) Crank Shaft

c) Auxiliary Shaft d) None of the above

Q.6 In the Fabric yarns parallel to Reed are known as

a) Warp b) Weft

c) Selvedge yarns d) None of the above

Q.7 Shedding is of _____ types.

a) Two b) Three

c) Four d) Five

Q.8 When the shuttle gets struck in the shed during picking is called

a) Jerk b) Shuttle Fly out

c) Shuttle trap d) None of the above

Q.9 Passing the weft yarn through the open shed is called

a) Picking b) Beat up

c) Shedding d) None of the above

Q.10 In Weft fork motion weft is censed once for every two pick in _____.

a) Center Weft fork motion b)Side Weft fork motion

c) Brake motion d) All of the above

SECTION-B

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

Q.11 What is Weft?

Q.12 What is Loom?

Q.13 Sley sword helps in ____ motion.

Q.14 What is Reed?

Q.15 What is Fell of cloth?

Q.16 What is Shuttle?

Q.17 Expand the term PPM?

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

Q.19 Let off motion in the loom is used for _____.

Q.20 Take up motions is of loom are of ____ types.

SECTION-C

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

Q.21 Draw the passage of material though loom.

Q.22 Classify the loom motions / mechanisms.

Q.23 What are the objectives of Let off motion. Name different types of Let off motion.

Q.24 Explain Picking and beat up timing of loom.

Q.25 Explain is the role of temples in a Loom.

Q.26 Briefly explain the Secondary motions of loom.

Q.27 Draw the various parts of negative let off motion.

Q.28 Draw the sketch of Heald reversing mechanism of a loom.

Q.29 Draw the cone under pick motion and label the parts.

Q.30 Explain the sley eccentricity of loom.