

- Q.26 Discuss the limitations of tappet shedding motion.
- Q.27 Write five advantages of shuttle looms.
- Q.28 Differentiate between take-up and let-off motion
- Q.29 Illustrate the working of roller reversing motion.
- Q.30 Explain side weft fork motion with the help of neat diagram.
- Q.31 Discuss positive tappet shedding motion in brief.
- Q.32 Describe the underpick motion of loom.
- Q.33 Draw the passage of warp yarn through a conventional loom.
- Q.34 Explain the objectives of negative let-off motion.
- Q.35 What are the different types of shed in weaving.

SECTION-D

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

- Q.36 Illustrate construction and working of negative tappet shedding with well-illustrated diagram.
- Q.37 Explain construction and working principle of overpick motion in detail with the help of neat and clean diagram.
- Q.38 Explain construction and working principle of beat up motion with the help of diagram.

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Roll No.

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

Time : 3Hrs.

M.M. : 100

SECTION-A

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

- Q.1 When the picking is done over the warp sheet, it is termed as
- a) under pick motion b) Over pick motion
- c) Shedding motion d) None
- Q.2 The pirn carries _____ in shuttle during weaving
- a) Weft b) Warp
- c) Reed d) None
- Q.3 In tappet shedding, tappets are mounted on the
- a) Crank shaft b) Bottom shaft
- c) Picking shaft d) None
- Q.4 Loose reed motion is type of _____ motion.
- a) Warp stop b) Weft stop
- c) Warp protector d) None

- Q.5 When the warp sheet is divided into two layers, it is known as
- a) Beat-up b) Shedding
- c) Picking d) Take-up
- Q.6 Which of the following is an auxiliary motion
- a) Shedding b) Picking
- c) Warp stop d) None
- Q.7 Loom is a _____ machine.
- a) Spinning b) Knitting
- c) Weaving d) None
- Q.8 The motion in which warp yarns are released from warp beam is termed as
- a) Take up motion b) Let-off motion
- c) Beat-up motion d) None
- Q.9 Woven fabric is produced by the _____ of yarns
- a) Intermeshing b) Interlacement
- c) Bonding d) None
- Q.10 Loose reed and fast reed are the types of _____ motion
- a) Warp stop b) Weft stop
- c) Warp protector d) All

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SECTION-B

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

- Q.11 List any one objective of let off motion.
- Q.12 Define heald frame
- Q.13 Describe shedding motion
- Q.14 List any one picking motion
- Q.15 Reedis mounted on the _____
- Q.16 Define weaving.
- Q.17 Define handloom
- Q.18 Shuttle is used for inserting _____ through the shed.
- Q.19 Define take up motion.
- Q.20 Tell the function of temple in loom.

SECTION-C

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

- Q.21 Discuss the timing diagram of loom.
- Q.22 What are these condary motions of a loom? Discuss
- Q.23 What are the objectives of loom?
- Q.24 Discuss the working of loose reed warp protector motion.
- Q.25 Explain the working principle of 5-wheel take up motion.

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