

No. of Printed Pages : 4  
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222732

**3rd Sem / Textile Technology**  
**Subject : Weaving Technology - I**

Time : 3 Hrs.

M.M. : 60

**SECTION-A**

**Note:** Multiple choice questions. All questions are compulsory (6x1=6)

Q.1 Which is shuttle less loom?

- a) Projectile                      b) waterjet
- c) rapier                          d) all of the above

Q.2 The mechanism of loom without which weaving is not possible?

- a) primary                        b) secondary
- c) auxiliary                      d) all of above

Q.3 Fabric can be manufactured by.

- a) Weaving                      b) Non woven
- c) Knitting                      d) All of the above

Q.4 Which is Shedding Mechanism?

- a) Tappet                        b) Dobby
- c) Jacquard                      d) All of the above

- Q.5 Shuttle is \_\_\_\_\_ device?
- a) Shedding                      b) picking  
c) beat up                      d) let off
- Q.6 Which motion help in Release of warp sheet from the beam?
- a) Shedding                      b) Take up  
c) Let off                      d) Picking

### SECTION-B

**Note:** Objective/ Completion type questions. All questions are compulsory. (6x1=6)

- Q.7 Shed is weaving is of \_\_\_\_\_ types.
- Q.8 Take up motion in the loom is used for \_\_\_\_\_.
- Q.9 What is Warp?
- Q.10 What is Loom?
- Q.11 Name the different type of shedding mechanism.
- Q.12 What is negative shedding mechanism?

### SECTION-C

**Note:** Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

- Q.13 Draw the flow chart for classifications of looms.
- Q.14 Draw the passage of material through power loom.

- Q.15 Briefly explain the History of weaving.
- Q.16 Draw the Under-pick Mechanism of the loom and label the parts
- Q.17 Explain briefly and draw the various parts of seven wheel take up motion.
- Q.18 What are the primary motions of loom? Briefly explain.
- Q.19 Explain the sley eccentricity of loom.
- Q.20 What are the objectives of Let Off motion.
- Q.21 Draw the negative let off motion of loom and label the parts.
- Q.22 Explain the terms EPI, PPI, PPM, and loom efficiency.

### SECTION-D

**Note:** Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

- Q.23 Explain Over pick motion with neat and clean sketch.
- Q.24 Explain the working of tappet shedding motion with neat and clean sketch.
- Q.25 Explain the different types of shed along with their merits and demerits.