

**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) Sheding
- b) picking
- c) beat up
- d) let off

Q.6 Which motion help in Release of warp sheet from the beam?

- a) Sheding
- b) Take up
- c) Let off
- d) Picking

### **SECTION-B**

**Note:** Objective/ Completion type questions. All questions are compulsory.  $(6 \times 1 = 6)$

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.  $(8 \times 4 = 32)$

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.  $(2 \times 8 = 16)$

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.