

- Q.29 What is shuttle trap? Give its reasons.

Q.30 Which type of materials are used for sley and shuttle.

Q.31 Explain the Beat up motion with neat and clean sketch.

Q.32 Draw the Seven wheel take up motion.

Q.33 Draw a neat & clean diagram of center weft fork motion.

Q.34 Define different parts of negative let off motion.

Q.35 Discuss different types of Heald reversing motion.

## **SECTION-D**

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

- Q.36 Draw and explain the tappet shedding mechanism.

Q.37 What is a temple? Mention its functions. Discuss different type of temples used on a loom along with their suitability for different fabric.

Q.38 Draw and explain the loom timing diagram showing the timing of each mechanism clearly.

No. of Printed Pages : 4 182733/122733/032733  
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## **3rd Sem / Text Desgn, Text Tech. Subject:- Weaving Technology - I**

Time : 3Hrs. M.M. : 100

M.M. : 100

## **SECTION-A**

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

- Q.1 Fabric can be manufactured by.

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

Q.2 Which is not a primary motion of the loom?

  - a) Beat up
  - b) Shedding
  - c) Take up
  - d) picking

Q.3 The mechanism of loom without which weaving is not possible?

  - a) primary
  - b) secondary
  - c) auxiliary
  - d) all of 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) Sheding
- b) Let off
- c) Take up
- d) Picking

Q.7 Metallic comb that is fixed to the sley is called?

- a) Shuttle
- b) Reed
- c) Treadle
- d) heald

Q.8 Name paddle or lever placed under a loom used for shedding.

- a) sley
- b) reed
- c) treadle
- d) heald

Q.9 It is the device on a loom that hold the cloth at a proper width.

- a) heald
- b) reed
- c) treadle
- d) temple

Q.10 Which is shuttleless loom?

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

### SECTION-B

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

Q.11 \_\_\_\_\_ is used for weaving.

Q.12 Shuttle is a \_\_\_\_\_ device.

Q.13 Weaving is interlacement of \_\_\_\_\_ and \_\_\_\_\_

Q.14 Heald is used for \_\_\_\_\_ motion.

Q.15 Breast beam also known as the \_\_\_\_\_ rest.

Q.16 Fast reed motion is \_\_\_\_\_ motion.

Q.17 \_\_\_\_\_ is the system to express the reed count.

Q.18 What is Handloom.

Q.19 Let-off motion is classified as \_\_\_\_\_ and positive let-off.

Q.20 What is negative shedding mechanism.

### SECTION-C

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

Q.21 Draw the passage of material through loom and label the diagram.

Q.22 Classify the different types of loom mechanisms.

Q.23 Discuss early and late Shedding with their merits and demerits.

Q.24 Define eccentricity of sley. Explain its advantages.

Q.25 Explain primary motions of a loom.

Q.26 Differentiate 5 wheel and 7 wheel take up motion.

Q.27 Briefly explain the working of a center weft fork mechanisms.

Q.28 Draw and explain under pick mechanism with neat and clean sketch.