

## **SECTION-D**

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

- Q.23 Explain the construction and working principle of 7-wheel take-up motion. Also give the advantages of 7-wheel take up motion over 5-wheel take up motion.
- Q.24 Discuss in detail the construction and working principle of underpick motion with well illustrated diagram.
- Q.25 Explain the construction warp stop motion with the help of diagram.

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**3rd Sem / Textile Design**

**Subject : Fabric Manufacture-1**

Time : 3 Hrs.

M.M. : 60

## **SECTION-A**

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

- Q.1 Tappets are mounted on  
a) Bottom shaft      b) Cranks shaft  
c) Heald shaft      d) None
- Q.2 Which is type of weft stop motion  
a) Fast reed      b) Loose reed  
c) Side weft fork      d) None
- Q.3 Which is type of take-up motion  
a) 5-wheel      b) 7-wheel  
c) Both a & b      d) None

Q.4 Over pick and under pick is the types of \_\_\_\_\_ mechanism

- a) Shedding
- b) Beat-up
- c) Picking
- d) All

Q.5 The loom which is operated by hands and feet is known as

- a) Handloom
- b) Power loom
- c) Shuttleless loom
- d) None

Q.6 Maximum number of heald shaft that can be controlled in tappet shedding

- a) 8
- b) 12
- c) 14
- d) None

## SECTION-B

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

Q.7 \_\_\_\_\_ travels from one box to other for inserting weft.

Q.8 Sley sword helps in the \_\_\_\_\_ motion.

Q.9 Name any one type of shed.

Q.10 Define Warp protector motion.

Q.11 Write any one cause of shuttle fly out.

Q.12 Name any remedy to prevent shuttle trapping.

## SECTION-C

**Note:** Short answer type questions. Attempt any eight questions out of ten questions.  $(8 \times 4 = 32)$

Q.13 Discuss various types of drop wire used in warp stop motions.

Q.14 Discuss the working principle of beat-up motion.

Q.15 Describe the function and types of temple in brief.

Q.16 Differentiate between overpick and underpick motion.

Q.17 Describe early picking and late picking.

Q.18 Describe any two types of shed.

Q.19 Describe secondary motions of loom in brief.

Q.20 Discuss the demerits of negative let-off motion.

Q.21 Explain the working principle of loose reed warp protector motion.

Q.22 What do you mean by the efficiency of loom.