

- Q.26 Write a note on importance of Sley eccentricity.  
 Q.27 Draw the various parts of negative let off motion  
 Q.28 Draw the passage of material through loom.  
 Q.29 Discuss various types of drop wire used in warp stop motions.  
 Q.30 Illustrate the working of 5-wheel take -up motion with diagram.  
 Q.31 Explain the limitations of negative let-off motion.  
 Q.32 Discuss the working principle of beat-up motion.  
 Q.33 Explain the working of mechanical warp stop Motion  
 Q.34 Explain the roller reversing motion.  
 Q.35 Explain the secondary motions of loom.

#### **SECTION-D**

- Note:** Long answer type questions. Attempt any two questions out of three questions. (2x10=20)
- Q.36 Explain side weft fork weft stop motion in detail with neat diagram.  
 Q.37 Calculate the dividend for standard seven wheel take up motion.  
 Q.38 Explain side laver under pick motion of loom with neat and clean sketch.

No. of Printed Pages : 4      182535/122535/032533  
 Roll No. ....

#### **3rd Sem / Branch -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 Loom timing is adjusted w.r.t.  
 a) Crank Shaft      b) Auxiliary Shaft  
 c) Bottom Shaft      d) None of the above
- Q.2 Number of filling per inch in a fabric stands for  
 a) PPI      b) EPI  
 c) TPI      d) None of the above
- Q.3 Let-off motion operated manually in.  
 a) Power Loom      b) Handloom  
 c) Shuttles Loom      d) None
- Q.4 The sley in the loom moves forward and backward. for.  
 a) Beat up      b) Shedding  
 c) Picking      d) All of the above

Q.5 Primary motions of loom are

- a) Beat up
- b) Picking
- c) Shedding
- d) All of the above

Q.6 Which of the following is a secondary motion.

- a) Take-up
- b) Shedding
- c) Picking
- d) All of the above

Q.7 Woven fabric is produced by the .....of yarns.

- a) Intermeshing
- b) Joining
- c) Interlacement
- d) none of the above

Q.8 The process of passing the warp yarns through reed and heald frame is known as.

- a) Lifting
- b) shedding
- c) Take-up
- d) drawing in

Q.9 The loom which is operated by hands and feet is known as.

- a) Shuttleless loom
- b) Handloom
- c) power loom
- d) None of the above

Q.10 The motion in which fabric is wound on the cloth roller is termed as.

- a) Let-off motion
- b) beat-up motion
- c) Take up motion
- d) None of the above

## SECTION-B

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

Q.11 Sley sword helps in the .....motion.

Q.12 Tell any one type of weft stop motion.

Q.13 .....travels from one box to other for inserting weft.

Q.14 Define power loom.

Q.15 Describe emery roller.

Q.16 What is fabric?

Q.17 Healds in the loom are used for .....

Q.18 Expand the term PPM?

Q.19 What is selvedge?

Q.20 Expand the term PPM?

## SECTION-C

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

Q.21 Write the factors which effect the sley eccentricity of loom.

Q.22 Draw the sketch of break motion of loom.

Q.23 Differentiate between early and late shedding.

Q.24 What is the role of temples in Loom.

Q.25 What are the objectives of let off motion. Name different type of let off motion.