

- Q.26 Write down the important parts of looms.
- Q.27 Classify different types of rapiers.
- Q.28 Write down the limitations or disadvantages of rapier loom.
- Q.29 Write down the important parts of water jet loom.
- Q.30 What is the purpose of a selvage?
- Q.31 Write a short note on tucked in selvage.
- Q.32 Write difference fabric defects occurring due to weft.
- Q.33 Describe how end breaks in weaving can be minimized.
- Q.34 Write down the process control parameters in warping.
- Q.35 Calculate the actual production a loom for one day if it is running at a speed of 450 rpm with an efficiency of 90% and producing a fabric having picks per inch 72.

#### SECTION-D

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

- Q.36 Describe the construction detail and working of electrical warp stop motion.
- Q.37 Write down important parts and working of air jet loom.
- Q.38 Describe the various factors affecting the production and efficiency of weaving mill.

No. of Printed Pages : 4

182753/122753/032753

Roll No. ....

#### 5th Sem. / Textile Technology

#### Subject:- Weaving Technology - III

Time : 3Hrs.

M.M. : 100

#### SECTION-A

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

- Q.1 The part which avoids with wise contraction of a fabric on the loom is known as:
- a) Droppin                      b) Reed
- c) Feeler                      d) Temple
- Q.2 Which is not a type of weft feeler?
- a) Chemical                      b) Electrical
- c) Mechanical                      d) Optical
- Q.3 In which loom the exhausted pirn is replaced by the full one without stopping the loom?
- a) Gripper loom                      b) Automatic loom
- c) Rapier loom                      d) Air jet loom
- Q.4 In which loom, multiple grippers are used for picking?
- a) Rapier loom                      b) Air jet loom
- c) Automatic loom                      d) Projectile loom

- Q.5 Rigid and flexible are the types of
- Gripper
  - Nozzle
  - Rapier
  - Temple
- Q.6 In which loom pick of weft is inserted by fluid?
- Gripper loom
  - Automatic loom
  - Water jet loom
  - Rapier loom
- Q.7 In thermoplastic fabrics which type of selvedge is formed?
- Leno selvedge
  - Tucked in selvedge
  - Fused selvedge
  - Chain stitch selvedge
- Q.8 How many warp beams are used in a terry loom?
- 4
  - 2
  - 3
  - 1
- Q.9 Fabric defect "Snarl" occurs due to:
- Healds
  - Reed
  - Loose pirn
  - Emery
- Q.10 Which of the following improves an operator's efficiency?
- Selvedge formation
  - Temperature and Humidity
  - Maintenance
  - Pile formation

(2) 182753/122753/032753

## SECTION-B

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

- Q.11 What is the object of warp stop motion?
- Q.12 What is the function of a feeler?
- Q.13 Name two types of automatic loom.
- Q.14 Give one disadvantage of shuttle loom.
- Q.15 What is the speed (Pick per minute) of rapier loom?
- Q.16 Write application of air jet weaving.
- Q.17 Name two types of unconventional selvedges.
- Q.18 Write one use of terry fabrics.
- Q.19 Name two fabric defects due to warp.
- Q.20 Name two factors which affect the production of a loom.

## SECTION-C

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

- Q.21 Write down the importance of warp stop motion.
- Q.22 Name important parts of mechanical warp stop motion.
- Q.23 Write a short note on ring temple.
- Q.24 What are the advantages of automatic loom?
- Q.25 Give classification of various types of projectile loom.

(3) 182753/122753/032753