Q.34 Tell the objectives of pirn winding.

Q.35 What do you mean by imperfections in a yarn? Explain briefly with examples.

SECTION-D

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

Q.36 Write different ingredients of sizing paste for cotton fabric along with their objectives and examples.

Q.37 Explain the passage of yarn through a winding machine with the help of well illustrated diagram along with the function of each part of the machine.

Q.38 Explain the working of a autoconer with the help of well illustrated diagram along with the function of each part of the machine.

Textile Design
Subject:- Weaving Preparation

Time : 3Hrs.   M.M. : 100

SECTION-A

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

Q.1 English count is a
a) Type of Direct count b) Type of Indirect count
c) Universal count   d) None of above

Q.2 Sizing is done to improve the following property/ properties
a) Strength   b) Iusture
c) weight   d) All of the above

Q.3 Drawing-in is a process of passing the yarns through
a) Creel   b) Warping machine
c) Heald shafts   d) None

Q.4 Weight of grams per 1000 meter of yarn is known as
a) English count   b) Denier
c) Tex   d) Metric count

Q.5 Pirn is used to carry the
a) Warp yarn   b) Weft yarn
c) Fabric   d) None

Q.6 1 yard of length is equal to
   a)   1.1 meter   b)   0.91 meter
   c)   1 meter   d)   None

Q.7 Autocorner is a type of _____ machine.
   a)   warping   b)   winding
   c)   Sizing machine   d)   pirn winding

Q.8 Slub is_____ defect.
   a)   Sizing   b)   Fabric
   c)   Yarn   d)   None

Q.9 Drum is a part of _____ machine.
   a)   Winding machine   b)   Sizing machine
   c)   Weaving machine   d)   None

Q.10 Patterning is a defect of
   a)   Fiber   b)   yarn package
   c)   fabric   d)   None

SECTION-B

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

Q.11 Define winding

Q.12 Define beam warping

Q.13 Define sizing

Q.14 Define tex

Q.15 Define universal count

Q.16 Define direct count

Q.17 Give one example of indirect count

Q.18 Define the function of creel

Q.19 Define denting

Q.20 Give two ingredients of sizing

SECTION-C

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

Q.21 Convert 100 tex into denier and English count (Ne)

Q.22 If two yarns of 15^s and 30^s and plied together determine the resultant count.

Q.23 Why sectional warping is done?

Q.24 Describe patterning? How it is avoided?

Q.25 Give objectives of sizing.

Q.26 What are the different types of creels?

Q.27 Give objectives of drawing-in and beam gaiting.

Q.28 Give passage of yarn through a pirn winding machine.

Q.29 Name different types of yarn packages with diagram.

Q.30 Describe different types of yarn tensioners with the help of suitable diagrams.

Q.31 What do you mean by traversing motion?

Q.32 Discuss briefly the two methods of yarn traversing in winding machine.

Q.33 What do you mean by slub catcher. How slubs are removed in winding machine.