Q.30 What are the factors which affect the moisture regains ?

Q.31 What is the importance of humidity in textile material?

Q.32 How cleaning efficiency of any machine is calculated ? Explain with formula.

Q.33 Explain the method of finding the count by Beesley balance

Q.34 Explain the objects and scope of quality control ?

Q.35 Define count and explain different yarn numbering system.

SECTION-D

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

Q.36 Write down the complete method to find out fibre fineness by micronaire.

Q.37 Explain the zoning technique of yarn sampling with complete flow chart.

Q.38 Explain the complete working principle of Sheffield Micronaire to find out fibre fineness.

5th Sem. / Branch : Textile Tech. , Text Proc.
Subject:- Textile Testing & Quality Control-1

Time : 3Hrs.   M.M. : 100

SECTION-A

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

Q.1 .... is small fraction which is selected to represent a population

a) Yarn   b) Fabric

c) Sample   d) None of these

Q.2 Sampling technique for cotton fibre is ....

a) Squaring   b) Zoning

c) Hand sampling   d) All of above

Q.3 Moisture regain of cotton is................

a) 0.4 %   b) 13%

c) 8%   d) 50%

Q.4 Standard atmosphere have............ relative humidity

a) 100%   b) 2%

c) 8%   d) 65%

Q.5 Direct count system is ....

a) French   b) Woolen

c) English d) Tex

Q.6 Which Sampling technique is used mostly for cotton fibre is _____

a) Squaring b) Zoning

c) Hand sampling d) All of the above

Q.7 What is Denier of 10 Tex

a) 10 b) 90

c) 100 d) 180

Q.8 Pilling is defect of fabric which affect the .... of fabric.

a) Strength b) Appearance

c) Weaving d) Fall

Q.9 In Worsted Count System no. of hank is

a) 100 b) 400

c) 840 d) 560

Q.10 What is standard RH ?

a) 65% b) 10%

c) 20% d) 27%

SECTION-B

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

Q.11 What is direct Count?

Q.12 What is Quality Control ?

Q.13 Define Moisture content ?

Q.14 Define twist.

Q.15 Define sampling.

Q.16 Write sample weight in zoning technique.

Q.17 What is Relative Humidity ?

Q.18 Give Denier of 10 tex.

Q.19 Define mean length

Q.20 Define Random Sample.

SECTION-C

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

Q.21 What are the standard atmosphere conditions for a testing lab ?

Q.22 What are the factors which affects the tensile property of textile.

Q.23 Explain Random and Biased Sampling.

Q.24 Explain the method of calculating the moisture regain by oven drying methods.

Q.25 Enlist the precautions taken during yarn sampling.

Q.26 Define fibre fineness. How it is important

Q.27 Define Moisture Regain. What is the importance of Moisture Regain

Q.28 What is the difference between the direct and indirect yarn numbering systems ?

Q.29 What are the causes of irregularities in yarn ?