Q.22 Give the classification of yarn faults and its removal.

## SECTION-D

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

Q.23 What are importance and objectives of Textile testing? Explain.

Q.24 Which is the difference between moisture content and moisture regain ? Explain the method of measurement of moisture content in a fibre sample .

Q.25 Explain principle, working of uster evenness tester. Write its advantages and disadvantages.



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**4th Sem/ Textile Technology**

**Subject : Textile Testing - I**

Time : 3 Hrs. M.M. : 60

## SECTION-A

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

Q.1 _____ is smallest fraction which is selected to represent a population

a) yarn b) Fabric

c) Sample d) None of these

Q.2 Moisture regain of silk is

a) 0.4 % b) 13 %

c) 8 % d) 50 %

Q.3 What is Denier of 10 Tex

a) 10 b) 90

c) 100 d) 180

Q.4 Name the instrument for measuring humidity:

a) Wet and dry bulb hygrometer

b) Crock meter

c) Bisley balance

d) cutter

Q.5 S and Z are types of

a) Pilling b) Twist

c) Humidity d) Fineness

Q.6 Standard atmosphere have _____ relative humidity

a) 100 % b) 2 %

c) 8 % d) 65 %

## SECTION-B

**Note:** Objective/ Completion type questions. All questions are compulsory. (6x1=6)

Q.7 Define sampling

Q.8 Define relative humidity

Q.9 Define trash.

Q.10 Define TPI.



Q.11 Define fibre fineness.

Q.12 Define Tex

## SECTION-C

**Note:** Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

Q.13 Differentiate Random and Biased sample

Q.14 Explain zoning technique of sampling for raw cotton.

Q.15 How will you measure relative humidity ?

Q.16 Write importance of fibre fineness.

Q.17 What are the effects of twist on yarn properties

Q.18 Explain method of determining count by Beesley's balance

Q.19 How will you determine maturity of fibre by caustic soda method

Q.20 Define trash. How trash analysis is done

Q.21 Explain how strength is measured with lea strength tester.