

- Q.24 Explain the method of measurement of fibre fineness by using neat line diagram of any latest instrument.
- Q.25 Explain the working of Shirley trash analyser with neat diagram.

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4th Semester/ 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 Sample is _____ fraction which is selected to represent a population.
- a) largest b) smallest
c) medium d) none of above
- Q.2 Wet and dry bulb hygrometer is used to measure.
- a) Strength b) colour fastness
c) humidity d) none of above
- Q.3 Universal count system is.....
- a) Denier b) woolen
c) French d) None of above
- Q.4 Which fibre contains 12% moisture regain?
- a) cotton b) polyester
c) silk d) none of above

(60)

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- Q.5 The principle of twist testing in yarn is essential for which property
- a) Yarn strength b) yarn length
c) Fibre fineness d) None of above
- Q.6 What instrument is used to test trash analysis in cotton?
- a) Shirley Trash Analyser
b) Caustic soda method
c) Twist tester
d) None of above

SECTION-B

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

- Q.7 Define quality control..
- Q.8 What is the use of Beesley Balance ?
- Q.9 Write sample weight in zoning technique.
- Q.10 Name two type of Twist.
- Q.11 what is the purpose of textile testing.
- Q.12 Name any one method used to measure the maturity of cotton fibers..

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SECTION-C

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

- Q.13 What are the random and biased sample
- Q.14 Convert 180 denier into tex and English system.
- Q.15 Write about the humidity and its importance to textile material.
- Q.16 Define squaring and cut squaring technique.
- Q.17 Define twist and its effects on yarn property.
- Q.18 How will you find maturity of fibre by caustic soda method?.
- Q.19 How cleaning efficiency of any machine is calculated?
- Q.20 Determine the count of yarn by beesley yarn balance.
- Q.21 Explain the working of any lea strength tester.
- Q.22 Explain the types of yarn numbering system.

SECTION-D

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

- Q.23 Explain the zoning technique of fibre sampling with flow chart in detail.

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