

SECTION-D

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

- Q.23 Explain the working of uster evenness tester with its advantages and disadvantages.

Q.24 Explain the principle, uses and advantages of HVI instrument.

Q.25 Explain the working of any one trash analyser with neat diagram.

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**4th Sem.
Branch : Textile Technology
Sub. Textile Testing-I**

Time : 3 Hrs.

M.M. : 60

SECTION-A

Note: Multiple type Questions. All Questions are compulsory. (6x1=6)

- Q.4 What is input material of yarn strength testing machine?
- a) Fibre
 - b) Yarn
 - c) Roving
 - d) Fabric
- Q.5 What does the Baer sorter diagram analyze of fiber _____?
- a) Length
 - b) Strength
 - c) Colour
 - d) Fineness
- Q.6 What is the purpose of twist testing in yarn?
- a) To determine the yarn length
 - b) To determine the yarn strength
 - c) To measure the twist factor and its effect
 - d) None of above
- SECTION-B**
- Note: Objective/Completion type questions. All questions are compulsory. (6x1=6)**
- Q.7 Define twist.
- Q.8 Name any two types of yarn faults.
- Q.9 What is ply yarn.
- Q.10 What is standard atmospheric condition for textile Testing.
- Q.11 Name any two type of yarn numbering system.
- Q.12 What is maturity ratio.

SECTION-C

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

- Q.13 Explain zoning technique of sampling for raw cotton.
- Q.14 Write the importance of fibre fineness.
- Q.15 How you will measure moisture regain by oven dry method?
- Q.16 Define count. Explain different direct yarn numbering system.
- Q.17 What precautions are taken during yarn sampling?
- Q.18 What is CSP. Explain working of lea strength tester?
- Q.19 How does humidity effect textile materials?
- Q.20 Write the aim and scope of textile material.
- Q.21 Write about the factor affecting the tensile property of yarn.
- Q.22 Explain the working of single yarn twist tester.