

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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Roll No.

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.1 What is the denier of 20 tex.
- a) 180 b) 90
- c) 45 d) 2.22
- Q.2 Moisture regain of cotton in % is.
- a) 1-2 b) 7-8
- c) 11-12 d) None of above
- Q.3 Pilling is defect of fabric which affect the
- a) Fall b) Strength
- c) Appearance d) None of above

- 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.