

## SECTION-D

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

- Q.23 What are various objectives of textile testing? Explain
- Q.24 Describe the method of measuring moisture content of textile material using conditioning oven.
- Q.25 Explain how water resistance of fabric is measured with spray test.

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## 3rd Sem / Textile Processing

### Subject : Textile Physical testing

Time : 3 Hrs.

M.M. : 60

## SECTION-A

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

Q.1 Relative humidity of standard testing atmosphere is

- |         |          |
|---------|----------|
| a) 35 % | b) 90 %  |
| c) 65 % | d) 100 % |

Q.2 Moisture regain of wood is

- |         |         |
|---------|---------|
| a) 7 %  | b) 9 %  |
| c) 11 % | d) 17 % |

Q.3 "S" and "Z" are types of

- |          |             |
|----------|-------------|
| a) Drape | b) Crimp    |
| c) Twist | d) Abrasion |

Q.4 Weight of water expressed as a percentage of total weight of material is \_\_\_\_\_?

- a) Moisture regain      b) Moisture content  
c) Relative humidity      d) Turbidity

Q.5 No. of 1000 metres of yarn present in 1 Kg of yarn is \_\_\_\_\_?

- a) English count      b) Metric count  
c) Tex      d) Denier

Q.6 What does "T" stands for in T.P.I?

- a) Time      b) Twist  
c) Total      d) Tight

### SECTION-B

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

Q.7 Define sample.

Q.8 Define Moisture Regain.

Q.9 Define Twist.

Q.10 Define E.P.I.

Q.11 Define Denier.

Q.12 Define Drape.

### SECTION-C

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

Q.13 Describe the method of sampling of fabric?

Q.14 Name factors affecting sampling techniques.

Q.15 How relative humidity it is measured with wet and dry bulb thermometer?

Q.16 How count of yarn in a given fabric is measured using Beesley's balance?

Q.17 Write method for measurement of twist per inch (T.P.I.) of single yarn.

Q.18 Explain different types of Twist.

Q.19 Name various types of textile strength testing

Q.20 What are various systems of yarn numbering

Q.21 How drape of fabric is measured using drapemeter?

Q.22 Write brief note on fabric serviceability