

222635

**3rd Sem.**  
**Branch : Textile Processing**  
**Sub.: Textile Physical Testing**

M.M. : 60

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

a) 0.4%                      b) 20%

c) 11%                        d) 17%

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

a) cotton                      b) Polyester  
c) Acetate                    d) Silk

a) Wear                                      b) Pilling  
c) Twist                                      d) Crimp

- Q.5 Smalls knots or balls accumulated at surface of fabric are called
- a) Wear                                      b) Pill
- c) Crimp                                      d) None of these
- Q.6 Spray test is used to measure
- a) Flame resistance                      b) Water resistance
- c) Crease resistance                      d) Air resistance

### SECTION-B

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

- Q.7 Define Moisture content.
- Q.8 Define Sample.
- Q.9 Define E.P.I.
- Q.10 Define Twist.
- Q.11 Define Relative Humidity.
- Q.12 Define Drape.

### SECTION-C

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

- Q.13 How pilling of fabric is tested.
- Q.14 How Gsm of fabric is calculated.

- Q.15 What is Crimp and how it is checked in fabric?
- Q.16 What is difference in Water proof and water resistant?
- Q.17 Define flammability and how flame resistance is measured.
- Q.18 Write how relative humidity is measured with wet & dry bulb thermometer?
- Q.19 Explain briefly concept of fabric crease recovery.
- Q.20 Define fabric abrasion and write its types.
- Q.21 How drape of fabric is measured with Drape meter.
- Q.22 Explain briefly concept of Wettability.

### SECTION-D

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

- Q.23 Name different yarn numbering system with example. How count of yarn in a fabric is determined using Beasley's balance?
- Q.24 Describe how water resistance is measured with spray tester.
- Q.25 Explain the method of measurement of twist in single yarn along with diagram.