**6th Sem.**
**Branch : Textile Technology**
**Sub.: Textile Testing - II**

**Time : 3 Hrs.**                                    **M.M. : 60**

## SECTION-A

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

Q.1    In English Count System no. of hanks of _____ yards in one pound.

a) 120                          b) 80

c) 840                          d) 560

Q.2    In 30x70, 30 is _____ per inch.

a) Twist                        b) Width

c) Ends                         d) Picks

Q.3    For testing of pilling _____ pilling tester is normally preferred.

a) Twist                        b) Crock meter

c) Beesley balance        d) ICI

Q.4    Flammability is tested for measuring_____.

a) Resistance against thermal

b) Resistance against fire

c) Resistance against heat

d) Resistance against smoke

Q.5    Tearing strength of _____ fabric will be highest.

    a) Plain weave        b) Stain weave

    c) Twill weave        d) Diamond weave

Q.6    Tensile strength of _____ fabric will be highest

    a) Plan weave        b) Satin weave

    c) Twill weave        d) Sateen weave

## SECTION-B

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

Q.7    Differentiate between hydraulic and mechanical bursting test?

Q.8    Write down the sample size for pilling test?

Q.9    IF PPI = 69, and weft count = 81 Ne, calculate Weft cover.

Q.10   What is handle of a fabric?

Q.11   What is fabric porosity.

Q.12   What is perspiration fastness?

## SECTION-C

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

Q.13   What is fabric shrinkage, relaxing and felting?

Q.14   What is crease recovery and crease resistance and crease recovery angle. Explain in detail.

Q.15   What are the precautions to be taken while taking fabric sample?

Q.16   Define drape and drape coefficient? Explain the procedure of drape meter.

Q.17   Explain Drop penetration test.

Q.18   Explain the bursting strength tester with diagram.

Q.19   What is fabric stiffness. Explain the cantilever principle.

Q.20   Explain the 4 factos which affects the pilling.

Q.21   Explain the measuring method of tensile strength for ravelled strip.

Q.22   What is GMS. How will you calculate the GSM of squarer fabric having a side 13cm. (Sample weight = 11gm)

## SECTION-D

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

Q.23   Explain the measuring method of fabric shrinkage with neat and clean diagram.

Q.24   What is pilling. Explain the measurement method of pilling by ICI pilling tester.

Q.25   What is shower proofing. Explain the measurement method of shower proofing with diagram.