

- Q.29 Write short notes on yarn evenness.
 Q.30 What precautions are taken for fabric sampling?
 Q.31 Explain the method of working of light fastness.
 Q.32 What is evenness? How it is important in yarn?
 Q.33 Write the method of testing of wettability of fabric?
 Q.34 Give procedure for crimp testing?
 Q.35 Give sample size for pill test. Give description for pilling grading system.

SECTION-D

- Note:** Long answer type questions. Attempt any two questions out of three questions. (2x10=20)
 Q.36 Define washing fastness. Give the procedure with instrument for washing fastness.
 Q.37 Given that EPI = PPI = 40, Count of warp and weft = 24 Ne, with crimp being 5% in both, calculate weight per square yards in pounds.
 Q.38 Define abrasion. Explain the working principle and procedure for Martindale abrasion tester in details.

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**6th Sem / Branch : Textile Tech.
Sub. : Text. Testing & Qty. Control-II**

Time : 3Hrs. M.M. : 100

SECTION-A

Note: Multiple choice questions. All questions are compulsory (10x1=10)

- Q.1 In English Count System no. of hank is
 a) 100 b) 400
 c) 840 d) 900
 Q.2 Which instrument is used for rubbing fastness?
 a) Twist tester
 b) Crock meter
 c) Beesley balance
 d) Shirley stiffness tester
 Q.3 In 80x70, 80 is _____ per inch.
 a) Twist b) Width
 c) Ends d) Picks
 Q.4 For testing of pilling _____ pilling tester is normally preferred.
 a) Twist b) Crock meter
 c) Beesley Balance d) ICI
 Q.5 Flammability is tested for measuring _____
 a) Water proofing
 b) Resistance against fire

- c) Strength testing
- d) Air permeability

Q.6 Sample size in cut stripe method of tensile strength is _____

- a) 60mmx300 mm
- b) 6mmx3mm
- c) 10mmx20 mm
- d) 50mmx50mm

Q.7 Important property of a _____ fabric is the fastness of shade.

- a) Knitted
- b) Woven
- c) Dyed
- d) Singed

Q.8 EPI & PPI are calculated with _____.

- a) Pick Glass
- b) Clamp
- c) Mircoscope
- d) None of them

Q.9 Name the instrument for rubbing fastness test

- a) Shirley stiffness tester
- b) Crock meter
- c) Beesley balance
- d) Cutter

Q.10 GSM of fabric is

- a) Grand standard Method
- b) Gram Per Square Meter
- c) Gram square Material
- d) None of the them

SECTION-B

Note: Objective type questions. All questions are compulsory. (10x1=10)

Q.11 Give formula for direct yarn count.

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Q.12 Give sample size in case of crease recovery.

Q.13 Name different types of fabric tensile test?

Q.14 Which precautions are to be taken in Fabric Sampling?

Q.15 If EPI = 46, and warp count = 30Ne, Calculate Warp cover.

Q.16 Give sample size for tensile testing of fabric?

Q.17 Name different types of rubbing tests.

Q.18 Name instrument used for single rip for tearing?

Q.19 What type of fabric can be tested for bursting strength?

Q.20 Name different types of fabric tensile test?

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

Q.21 Explain crease recovery tester.

Q.22 Explain procedure for Flammability?

Q.23 Give table for inspection interval in case of abrasion test?

Q.24 Given that EPI = 75, Count of warp =30 Ne, and crimp being 5% calculate weight of warp for 80 yards in pound.

Q.25 Explain method of rubbing fastness testing.

Q.26 How a double rip tongue tear tester works? Explain.

Q.27 Write down the working procedure of ICI Pilling box.

Q.28 Write down the working principle Shirley Stiffness tester.

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