5th Sem. / Textile Design

Subject : Testing & Quality Control - II

Time : 3 Hrs.   M.M. : 100

SECTION-A

Note: Very Short Answer type questions. Attempt any 15 parts.   (15x2=30)

Q.1 a) What is CSP?

b) What is weft crimp?

c) What is fusing defect?

d) What is take-up?

e) What is single yarn strength?

f) What is bending length?

g) What is float?

h) What is fabric stiffness?

i) What is absolute humidity?

SECTION-C

Note: Long answer type questions. Attempt any three questions.   3x10=30

Q.3 Explain measurement of tearing strength of a fabric by tongue tear tester.

Q.4 Explain the working of drape meter in detail.

Q.5 Explain the measurement of tensile strength by revealed stripe method.

Q.6 Describe the working of elmendorf tearing tester for measurement of tearing strength of yarn.

Q.7 Explain measurement of CSP of yarn by lea strength tester.

j)   What is function of crimp meter?

k)   What is flame proof?

l)   What are pin marks?

m)   What is crease recovery?

n)   What is bleeding?

o)   What is crocking?

p)   What is bursting strength?

q)   What is colour bleeding?

r)   What is crease mark?

SECTION-B

Note: Short answer type questions. Attempt any ten parts   10x4=40

Q.2 i)   How would you measure pilling of fabric?

ii)   Explain measurement of tensile strength by cut strip method.

iii) Explain the various defects found in knitted fabrics.

iv) Explain relationship between moisture regain & humidity.

v)   What is C.R.E & C.R.L. ?

vi) Differentiate between direct & flat methods of measurements.

vii) Write a method to measure fabric thickness.

viii) Explain a method of measurement of crease recovery?

ix) How would you measure fabric weight?

x)   What do you understand by crease resistance?

xi) Write short note on cover factor of fabric.

xii) How would you measure fabric abrasion?

xiii) Write short note on drapebility.

xiv) Explain measurement of moisture regain by electronic moisture meter.

xv) How would you measure fabrics shrinkage?