5th Sem. /Textile Processing
Subject : Denim Processing

Time : 3 Hrs.   M.M. : 60

SECTION-A

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

Q.1   Which natural dye can be used to dye wool?

a)   Vat   b)   Indigo

c)   Direct   d)   Sulphur

Q.2   Which of the following is an enzyme?

a)   Cellulase   b)   HCL

c)   NAOH   d) H_2O

Q.3   The term airing is related with following dyeing?

a)   Acid   b)   Basic

c)   Disperse   d)   Indigo

Q.4   Jeans is constructed with _____ weave?

a)   Twill   b)   Sateen

c)   Damask   d)   Honey comb

Q.5   The colour of natural indigo dye is?

a)   Orange   b)   Red

c)   Black   d)   Blue

Q.6   Wash down effect is related to _____ dye?

   a)   Sulphur   b)   Indigo

   c)   Direct   d)   Disperse

Section-B

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

Q.7   Indigo dyeing is done at _____ temperature?

Q.8   Skying time for denim dyeing is?

Q.9   Other name for sizing section is?

Q.10   Give name of two softeners?

Q.11   Write name of any one weaving fault?

Q.12   Draw structure of Indigo dye?

Section-C

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

Q.13   Write a note on ring dyeing?

Q.14   Discuss about quick wash denim?

Q.15   Write precautions while dealing with indigo dyeing machines?

Q.16   Enlist different defects of denim fabric?

Q.17   Discuss about integrated finishing and shrinking range?

Q.18   Explain chemistry of Indigo dyeing?

Q.19   Discuss printing of denims with indigo?

Q.20   Write steps for extracting natural indigo dye from plants?

Q.21   Write a note on over dyed denim?

Q.22   Write a note on preamble to denim?

Section-D

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

Q.23   Draw a flow chart for rope dyeing and explain it briefly?

Q.24   Explain importance of washing and briefly describe various washings?

Q25   Explain various factors affecting dye build-up on jeans when dyed with indigo dye?