

**SECTION-D**

No. of Printed Pages : 4

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Roll No. ....

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

Q.23 Compare rope and sheet indigo dyeing process?

Q.24 Draw a flow chart for dyeing yarn for jeans and  
explain it briefly?

Q.25 Discuss in detail about stone washing?

**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 Name any one natural dye for dyeing cotton?

- a) Vat
- b) Indigo
- c) Direct
- d) Sulphur

Q.2 Other name for denim is?

- a) Poplin
- b) Basket
- c) Jeans
- d) Crepe

Q.3 The term skying is related to \_\_\_\_\_ dye?

- a) Acid
- b) Basic
- c) Disperse
- d) Indigo

Q.4 Jeans are usually dyed in \_\_\_\_\_ Form?

- a) Yarn
- b) Fabric
- c) Fibre
- d) None of these

Q.5 The weave for jeans is?

- a) Diamond
- b) Twill
- c) Plain
- d) Satin

Q.6 The yarn used in jeans are made by \_\_\_\_\_ spinning?

- a) Ring
- b) Rotor
- c) Hand
- d) None of these

## SECTION-B

**Note:** Objective/ Completion type questions. All questions are compulsory.  $(6 \times 1 = 6)$

Q.7 Name two type of denim dyeing machines?

Q.8 Ideal pH for indigo dyeing is?

Q.9 Name any one washing method for jeans?

Q.10 Name a finish given to denims?

Q.11 What is dipping time in indigo dyeing?

Q.12 Name any dye used to dye cotton?

## SECTION-C

**Note:** Short answer type questions. Attempt any eight questions out of ten questions.  $(8 \times 4 = 32)$

Q.13 Write a short note on pre-impregnation step of indigo dyeing?

Q.14 Why a short dipping time is ideal for indigo dyeing?

Q.15 Write a note on history of indigo dyeing?

Q.16 Write application procedure for natural indigo?

Q.17 Write a note on sanforset process?

Q.18 Give objectives for washing?

Q.19 How selection of pumice stones is done for washing?

Q.20 Write a note on pre-shrinking of denim?

Q.21 Enlist various innovations to save indigo and chemicals?

Q.22 What are different factors for enzyme washing?