

## 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. (6x1=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?

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### SECTION-C

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

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