

Section-D

Note: Long answer questions. Attempt any two questions out of three Questions. $(2 \times 8 = 16)$

- Q.23 What are the advantages and disadvantages of stretch denim in terms of wearability and durability?
- Q.24 What sustainable practices are being adopted by popular denim brands to reduce their environmental footprint?
- Q.25 Differentiate dry processing and wet processing state of denim fabric.

No. of Printed Pages : 4

Roll No.

222952 A

**5th Sem. / Fashion Technology
Sub : Denim Technology**

Time : 3 Hrs.

M.M. : 60

SECTION-A

Note: Multiple choice Questions. All Questions are compulsory. $(6 \times 1 = 6)$

- Q.1 Which of the following is a popular denim brand?
a) Levi's b) Zara
c) Nike d) Uniqlo
- Q.2 Which sewing machine is commonly used for jeans construction?
a) Flatlock machine
b) Double-needle lockstitch machine
c) Buttonhole machine
d) Overlock machine
- Q.3 Which of the following is a dry processing technique?
a) Enzyme wash b) Acid wash
c) Scraping d) Stone wash
- Q.4 Which of the following is the primary dye used in traditional denim?
a) Reactive dye b) Acid dye
c) Indigo dye d) Pigment dye

Q.5 What is whiskering in denim processing?

- a) Sandblasting technique
- b) Fading lines near high-stress areas
- c) Grinding the hem edges
- d) Adding texture using resin

Q.6 Which sewing needle size is recommended for denim?

- a) 70/10
- b) 80/12
- c) 90/14
- d) 100/16

Section-B

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

Q.7 Common sewing defects in jeans include _____, _____, and _____.

Q.8 _____ denim is the Fabric that mimics the appearance of denim but does not use twill weave or indigo dyes.

Q.9 Common fibers used in denim include _____, _____ (for stretch) and _____ (for strength and durability)

Q.10 _____ is the Denim with added elasticity, typically made by blending _____ with _____.

Q.11 Why does puckering happen in denim seams, and what steps can be taken to avoid it?

Q.12 Name the fasteners used in jeans and explain their purpose?

Section-C

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

Q.13 What is denim and how is it different from other fabrics?

Q.14 What are the primary natural fibers used in denim production?

Q.15 What are indigo dyes, and how do they give denim its signature look?

Q.16 How does enzyme washing create a softer texture in denim?

Q.17 What type of needles is best suited for sewing denim fabric?

Q.18 Why rivets and tack buttons used in jeans, and what are their functional purpose?

Q.19 What are the most common sewing defects encountered in jeans production?

Q.20 How is manual scraping different from machine-assisted scraping?

Q.21 How does grinding enhance the aesthetic appeal of jeans?

Q.22 Why is sand blasting considered hazardous, and what alternatives are being used?