

314355

12526

3 Hours / 70 Marks

Seat No.

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- Instructions* – (1) All Questions are *Compulsory*.
(2) Answer each next main Question on a new page.
(3) Illustrate your answers with neat sketches wherever necessary.
(4) Figures to the right indicate full marks.
(5) Mobile Phone, Pager and any other Electronic Communication devices are not permissible in Examination Hall.

Marks

- 1. Attempt any FIVE of the following :** **10**
- a) State any four advantages of garment processing.
 - b) State any four objective of fusing in garment and stitching.
 - c) Give brief classification of digital printing methods.
 - d) State any four objective of UV protective finish.
 - e) List the name of chemicals used for producing acid wash on denims.
 - f) List types of labels.
 - g) State the purpose of dry cleaning.

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- 2. Attempt any THREE of the following : 12**
- a) Differentiate between garment stage and pre-garment stage (fabric) processing.
 - b) With neat labelled sketch, explain working of paddle dyeing machine.
 - c) Describe the process for producing flock print on garment.
 - d) State any four objectives of water repellent finishing also write any four end applications.
- 3. Attempt any THREE of the following : 12**
- a) List any two major issues in garments processing industry. Also state its remedies.
 - b) Explain working of hydro-extractor with neat labelled sketch.
 - c) Describe the concept of photochromic printing and elaborate the method of application.
 - d) Describe the concept of moisture management finish. State any four applications of finished fabric.
- 4. Attempt any THREE of the following : 12**
- a) Draw the process flow in processing of denim garment. State objective of each stage in the processing.
 - b) Describe enzyme wash on denim and state any two advantages and limitations each.
 - c) Explain the process of Laser fading of denims. Enlist any two advantages.
 - d) List various types of stains any four and suggest their stain removal agents.
 - e) Write symbolic representation of four wash care labels instructions and give its significance.

- 5. Attempt any TWO of the following :** **12**
- a) Suggest fibre properties required and fibres used for following purposes :
 - i) Embroidery threads
 - ii) Industrial clothings
 - iii) Delicate garments
 - b) Explain working of rotary drum type of dyeing machines with a neat labelled diagram.
 - c) Describe mechanism of wash-n-wear finishing also explain the process and formulation to produce the same.
- 6. Attempt any TWO of the following :** **12**
- a) Describe the process to produce 'Foil Print' and 'Puff Print' on garment. List one end application of each.
 - b) State the objectives of antimicrobial finish. Also explain the process to produce antimicrobial finish.
 - c) Explain the process of sand blasting of denims. State two advantages and two limitations.
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