

22572

11920

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 the object of finishing process.
 - b) State the object of heat setting.
 - c) Enlist various types of softners used for cotton.
 - d) State the end uses of denim fabric
 - e) State the importance of garment processing.
 - f) State the process chart for garment printing
 - g) State the importance of fastness properties
- 2. Attempt any THREE of the following:** **12**
- a) Explain the steps involving in calendaring process; Also mention its advantages and disadvantages.
 - b) Explain the mechanism of resin finishing.
 - c) Explain the application method of anionic softner.
 - d) Explain the method to produce mud wash.

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- 3. Attempt any THREE of the following:** **12**
- a) Explain the object of sueding for cotton fabric.
 - b) Describe exhaust application of softner with one application.
 - c) Suggest suitable process parameters for chalk wash on cotton. Also state its advantages and disadvantages.
 - d) Using spray booth system describe the process for finishing of garment.
- 4. Attempt any THREE of the following:** **12**
- a) Suggest method to remove shrinkage from given fabric.
 - b) Explain the working principle of garment dyeing machine with neat sketch.
 - c) Explain the working of fusing machine.
 - d) Describe method to produce metallic print.
 - e) Describe stain removing technique to remove soil stain.
- 5. Attempt any TWO of the following:** **12**
- a) Choose relevant method to produce Antimicrobial finish on the garment.
 - b) Write the working process of tumble dyer machine for dyeing of garment.
 - c) Explain the working of pressing machine with neat sketch.
- 6. Attempt any TWO of the following:** **12**
- a) Explain relevant printing method to produce flock printing on garment.
 - b) Explain method for determining washing fastness of garment.
 - c) Explain method for determining rubbing fastness of garment.
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