

22572

22223

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) Assume suitable data, if necessary.
 - (6) Use of Non-programmable Electronic Pocket Calculator is permissible.
 - (7) Mobile Phone, Pager and any other Electronic Communication devices are not permissible in Examination Hall.

Marks

1. Answer any FIVE of the following:

10

- a) Give two objects of finishing in textiles.
- b) State object of heat-setting.
- c) Define % exhaustion.
- d) Give process sequence for denim finishing.
- e) Name any four garment processing ^{m/c} manufacturers.
- f) Enlist any four garment printing processes.
- g) Name the digital printing equipments.

P.T.O.

- 2. Answer any THREE of the following:** **12**
- a) Give classification of fabric finishing treatments with an example for each class.
 - b) Give 2 end uses of any four functional chemical finishes applied on fabrics.
 - c) Explain mechanism of resin finishing and give recipe for the same.
 - d) State advantages of functional and decorative finishes.
- 3. Answer any THREE of the following:** **12**
- a) Describe sueding process.
 - b) Summarise process of soil release finish application.
 - c) Differentiate between functional and decorative finish for denim.
 - d) Summarise bio-polishing of denim.
- 4. Answer any THREE of the following:** **12**
- a) Explain working of decatizing ^{m/c} and analyse the changes in fabric.
 - b) State any 2 end uses of spray booth system and fusing ^{m/c} in garments.
 - c) Give principle of whiskering and tumble dryer.
 - d) Describe 'Puff printing' procedure.
 - e) Name any four fabric stains and suggest suitable stain removers.
- 5. Answer any TWO of the following:** **12**
- a) Describe any three wash effects on denim.
 - b) Discuss application of garment dyeing ^{m/c} and garment washing ^{m/c}.
 - c) Suggest the garment finishing ^{m/cs} and processes for men's formal cotton shirt and denim jeans. Justify your suggestions.

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[3]

Marks

6. Answer any TWO of the following:

12

- a) Compare metallic printing with photochromic and flock printing.
 - b) Explain evaluation method for colour and perspiration fastness.
 - c) Describe industrial dry cleaning application for garments.
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