

17576

21819

3 Hours / 100 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) Assume suitable data, if necessary.
- (5) Mobile Phone, Pager and any other Electronic Communication devices are not permissible in Examination Hall.

Marks

- 1. Attempt any FIVE of the following:** **20**
- a) Enlist four finishing agents and state their functions.
- b) Differentiate between chemical finishes and mechanical finishes.
- c) Explain the concept of spraying in garment processing
- d) Describe the terms:
- (i) Exhaustion
- (ii) Wet pick up
- e) Explain the process route for chemical processing of Denim.
- f) Draw neat labeled diagram of ironing table.
- g) Describe various types of stains in brief.

P.T.O.

- 2. Attempt any FOUR of the following:** **16**
- a) Explain four objectives of calendaring treatments.
 - b) Describe the object of crabbing process.
 - c) Give the classification of softening treatments.
 - d) Differentiate between wash-n-wear and durable press finishing.
 - e) Explain advantages and limitations of antimicrobial finish.
 - f) Describe the tin weightening of silk.
- 3. Attempt any FOUR of the following:** **16**
- a) Describe the mechanism of heald setting.
 - b) What is sanforising treatment? Explain its advantages.
 - c) Explain applications of spray technique in garment processing.
 - d) State advantages and limitations of water repellent finishes.
 - e) Describe the concept of bio-polishing.
 - f) State advantages and limitations of sand blasting.
- 4. Attempt any FOUR of the following:** **16**
- a) Describe the process for producing mud wash on garments.
 - b) What is whiskering treatment? Explain the method.
 - c) Give advantages and limitations of chalk wash.
 - d) With outline diagram explain working of curing cabinet.
 - e) Explain the working of brushing mannequins.
 - f) Draw neat labeled diagram of garment washing machine.

5. Attempt any FOUR of the following:**16**

- a) Explain one method for producing puckering effect by chemical treatment.
- b) Describe the stonewash treatment given to garments.
- c) State advantages and limitations of enzyme wash.
- d) Explain function of spray booth systems.
- e) Explain working of hydro-extractor with neat sketch.
- f) Enlist four types of stains and their stain removing agents.

6. Attempt any FOUR of the following:**16**

- a) Explain various functions of tumble dryer.
 - b) Explain working of fusing machine.
 - c) Explain one technique of stain removal in detail.
 - d) What is UV protective finish? State its advantages.
 - e) Enlist nano-finishes and their applications.
 - f) State the object of fragrance finish and method to produce it.
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