22572

23124

3 Hours / 70 Marks

Seat No.

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) 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 two objectives of finishing.

b) List types of softners.

c) Write the process sequence for processing of Denim fabric.

d) State objective of Bio-polishing.

e) State the end uses of fusing machine.

f) List the end uses of digital printing.

g) Write two types of stains and suggest its stain removing agent.

Marks

2. Attempt any THREE of the following: **12**

a) Draw the neat labelled diagram of Decatizing machine. Also state objective of Decatizing.

b) Describe formulation of pad-liquor for resin finishing and state mechanism of resin finish.

c) Explain the concept of antimicrobial finishing.

d) Explain working of Tumble Dryer with neat sketch.

3. Attempt any THREE of the following: **12**

a) Explain the objective of sueding. Also state its application.

b) Write formulation for water repellent finish. Also explain the process.

c) Explain the mechanism of Bio-polishing.

d) Explain principle of garment washing machine.

4. Attempt any THREE of the following: **12**

a) Explain objective of heat setting. Also state its disadvantages.

b) Explain the process of producing soil release finish on textile fabric.

c) Explain the method of produce 'Chalk wash and Ion wash' effect on Non-Denim garments.

d) Explain objective of spray booth treatments on Denim fabric.

e) Draw labelled diagram for types of garment washing machines.

5. Attempt any TWO of the following: **12**

a) Suggest the machine for setting of knitted fabrics. Also explain the process.

b) Suggest the resin finishing method suitable for garments.

c) Explain the process of stone wash and outline its dis-advantages.

Marks

6. **Attempt any TWO of the following:** **12**

    a) Elaborate the whiskering process carried out for Denim trousers.

    b) Suggest the printing technique used for getting raised prints on garments. Also explain the process.

    c) Elaborate the method to check washing fastness of garments.

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