

17689

21415

3 Hours / 100 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) Use of Non-programmable Electronic Pocket Calculator is permissible.

**Marks**

1. **Attempt any FIVE of the following:** **20**
- Describe the term Denim, also explain different types of denim fabrics.
  - Explain the process sequence of knitted goods in the open width form.
  - With neat sketch explain working of tumble dryer. State its uses.
  - Explain the process of warp dyeing of denim with Indigo dyes” in rope form.
  - Describe the structure and the requirements of terry towel.
  - Explain the process of “Bio - polishing” application on Garments.
  - Describe the process of scouring and bleaching of knitted goods on soft flow machine.

P.T.O.

- 2. Attempt any FOUR of the following:** **16**
- a) Explain the dyeing of knitted goods in winch with direct dyes.
  - b) Describe the sheet form dyeing with indigo dyes.
  - c) Describe the essential properties of terry towel fabrics.
  - d) Explain the process of singeing of knitted goods.
  - e) Explain in details, the process of sand blasting on denims.
  - f) Explain the application of chalk wash on garments.
- 3. Attempt any FOUR of the following:** **16**
- a) Describe Acid wash treatment on denims. Also state its purpose.
  - b) Describe the process of dyeing of knits using reactive dyes in soft flow dyeing machine.
  - c) Explain the process sequence for the processing of terry towels.
  - d) Explain the Khadi printing of garments.
  - e) Explain the pre - treatment process knitted goods on winch.
  - f) Explain the process of stone wash on denim garments.
- 4. Attempt any FOUR of the following:** **16**
- a) Explain the process of enzyme wash denims.
  - b) Describe the various chemical finishes imported to knitted goods.
  - c) Describe the process flow for processing of terry towels.
  - d) What are the advantages and limitations of garment processing.
  - e) Describe the essential requirements of furnishing fabrics.
  - f) Explain the process of application of wrinkle free finish on cotton.

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

- a) Describe the various mechanical finishes applied to knitted goods.
- b) Enlist the processing machinery used terry towel processing, explain working of any one of them.
- c) Explain the application of Anti-microbial finish on garments, state its significance.
- d) Enlist the various finishes applied on furnishing fabrics explain one of them.
- e) Describe flock printing on garments.
- f) Explain the dyeing of denims with mixture of dyes.

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

- a) Describe chemical finishing treatments given to terry towel fabrics.
  - b) Describe the process of application of mud wash on garments.
  - c) Describe the various defects in furnishing fabrics also state its causes and remedies.
  - d) Describe the process of antique wash used on denim fabrics.
  - e) With a well labelled diagram, explain pedal dyeing machine.
  - f) Describe the mechanism of bio-polishing on cellulosic garments.
-