

22459

12425

03 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) Describe the object of printing.
  - b) Enlist the methods of printing.
  - c) Write technical features of Table screen printing.
  - d) State the object of steaming.
  - e) Draw the labelled diagram of star ager.
  - f) State the role of binder in pigment printing.
  - g) List the name of dyes used for printing of wool and silk.
2. **Attempt any THREE of the following :** **12**
- a) Describe brief classification of thickeners used in Textile printing.
  - b) Explain Tie and Dye style of printing.
  - c) Draw neat labelled sketch of flat bed printing machine.
  - d) Describe the process for printing of cotton with direct dyes by direct style of printing.

P.T.O.

- 3. Attempt any THREE of the following :** **12**
- a) Differentiate between Dyeing and Printing. (Any four points)
  - b) Describe the chart showing dischargability rating of Dyes.
  - c) Explain advantages and limitations of table screen printing machine.
  - d) Explain the mechanism of steaming, in printing process.
- 4. Attempt any THREE of the following :** **12**
- a) Describe the working of cottage steamer with neat labelled sketch.
  - b) Describe the process for producing 'Crimp style of printing' on given fabric.
  - c) List the print paste ingredients of Pigment printing and state their role.
  - d) Describe the process for printing of wool with acid dyes.
  - e) Describe the process for printing with metal complex dyes.
- 5. Attempt any TWO of the following :** **12**
- a) Describe the steps involved in printing of textile substrate.
  - b) 'Resist style of printing is applicable to Reactive Dyes' Justify this statement with example.
  - c) With outline sketch explain working of Rotary printing machine. Also state advantages and limitations.
- 6. Attempt any TWO of the following :** **12**
- a) 'Batik Printing is Mechanical Resist printing' Justify this statement with example.
  - b) Describe the procedure for preparation of screen for flat bed screen printing.
  - c) Describe the process for printing with Azoic colours.
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