

SECTION-C

Note: Long answer type questions. Attempt any three questions. 3x10=30

- Q.3 Write down in detail the process of yarn & carpet printing.
- Q.4 Explain the process of printing polyester fabrics with disperse dyes.
- Q.5 Write down in detail the mechanism & working of Buser Automatic flat bed screen printing.
- Q.6 Explain the rotary screen printing & working of different squeeze systems.
- Q.7 Write short note:-
- i) Different methods of making Rotary screens.
 - ii) Defects of roller printing

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No. of Printed Pages : 4

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Roll No.

5th Sem. / Text Proc. / Text Chem.

Subject : Technology of Printing - III

Time : 3 Hrs.

M.M. : 100

SECTION-A

Note: Very Short Answer type questions. Attempt any 15 parts. (15x2=30)

- Q.1 a) What are different squeeze system models?
- b) Which dyes are suitable for woollen materials?
- c) What is lithography?
- d) What is crocking?
- e) Name three water insoluble dyes.
- f) Name two discharging agents.
- g) Urea acts as a ____ agent in printing paste.
- h) Give one example of flat bed screen printing machine?
- i) What is scouring?

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- j) Metal complex dyes are water _____? (Soluble / insoluble)
- k) What are hot brand dyes?
- l) What are pigments?
- m) Printing is a _____ dyeing.
- n) What is the role of Back grey in roller printing?
- o) Name two methods of engraving the copper roller.
- p) What are styles of printing?
- q) What is the role of squeeze?

SECTION-B

Note: Short answer type questions. Attempt any ten parts 10x4=40

- Q.2
- i) Name any three styles of printing & on which fabric they can be implemented.
 - ii) What do you understand by pigment printing? Specify the ingredients used for the paste.
 - iii) How is wool prepared for printing?

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- iv) What are the various printing defects that occur & how can they be avoided?
- v) Write the one phase method of printing polyester.
- vi) What are the different disadvantages of flat bed screen printing?
- vii) Write down the principle involved in Rotary screen printing.
- viii) Give process detail of colored resist printing of silk materials.
- ix) Write down the various advantages of magnetic squeeze system.
- x) What is roller printing?
- xi) How will you print cellulose acetate?
- xii) How will you prepare polyamide fibres for printing?
- xiii) How will you print cellulose tricetate / polyamide blend.
- xiv) How will you print PC blend with disperse / solubilised vat dyes?
- xv) Write a note on digital printing.

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