

SECTION-C

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

- Q.3 With a well labelled diagram, explain the rotary screen printing machine?
- Q.4 Discuss in detail various faults of screen printing with their causes & remedies.
- Q.5 Write in detail about Resist & discharge style of printing.
- Q.6 Describe the different types of block used in hand block printing & show how are they prepared?
- Q.7 Write a short note on:-
- (a) After treatment of printed material.
 - (b) Essential ingredients of printing paste.

No. of Printed Pages : 4

Roll No.

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3rd Sem. / Textile Design

Subject : Printing Technology-I

Time : 3 Hrs.

M.M. : 100

SECTION-A

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

- Q.1
- a) What is the function of hygroscopic agent in printing paste?
 - b) Printing may be defined as ____ dyeing.
 - c) What is Washing-off Process?
 - d) Wax is removed in ____?(Desizing / Scouring)
 - e) What is curing treatment?
 - f) Name two non conventional styles of Printing?
 - g) What is direct style of Printing?
 - h) Name different methods of Printing.
 - i) ____ is an example of Natural thickener?

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- j) What is squeeze?
- k) What is the function of blanket in printing?
- l) What are benefits of singeing.
- m) Which colours are suitable for printing cotton fabrics.
- n) Define crocking.
- o) What is stencil printing.
- p) what is lithography?
- q) Give the chemical formula of rongalit c.
- r) Why steaming of printed goods is done?

SECTION-B

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

- Q.2
- i) How will you prepare fabric for printing process?
 - ii) What is the difference between dyeing & printing?
 - iii) Name the essentials constituents / ingredients of printing paste.
 - iv) Explain the working of screen printing.

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- v) Write a short note on stencil printing.
- vi) What are the different methods of transferring designs on screen?
- vii) Write down the method of machine engraving in roller printing?
- viii) What are the importance of after treatments in printing?
- ix) Explain the Procedure of Batik printing.
- x) What is the need of Defoaming agents in printing paste. Give any two example of defoaming agents.
- xi) What is the significance of light sources in preparation
- xii) What is the significance of light sources in preparation of screen.
- xiii) Discuss the methods of preparing screens for screen printing.
- xiv) What requirements of wax to be used in batik resist technique.
- xv) Classify printing with respect to different styles?

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