

- Q.30 Give detail on the crepon style of printing.

Q.31 Explain the coloured discharging on reactive ground.

Q.32 How will you print azoic print?

Q.33 Mention any 4 differences between air and chemical oxidation.

Q.34 What are different ingredients used for printing with vat dye in direct style?

Q.35 Differentiate between ground colour and illuminating colour

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x10=20)

- Q.36 What is the principle of discharging? Explain the method of colour discharge on reactive & vat ground on cotton fabric with recipe details.

Q.37 Explain printing with Reactive dyes in resist style (for coloured resist using solubilised vat dye)

Q.38 Explain principle and mechanism of transfer printing. Write down the working of continuous transfer printing machine with neat diagram.

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4th Sem / Text. Proc., Text. Chem. Subject:- Technology of Printing - II

Time : 3Hrs. M.M. : 100

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SECTION-A

Note: Multiple choice questions. All questions are compulsory (10x1=10)

- Q.1 Block printing is a _____ of printing.

a) Style b) Dye

c) Method d) None of these

Q.2 _____ dye is used in heat transfer printing.

a) Reactive Dye b) Disperse

c) Direct Dye d) None of these

Q.3 Give an example of hygroscopic agent.

a) Hydros b) starch

c) Urea d) None of these

Q.4 Roller printing is a _____ of printing.

a) Style b) Dye

c) Method d) None of the above

Q.5 Tie and die is a kind of _____ style printing.

a) Resist b) Disperse

c) Direct d) None of these

- Q6 The wool can be printed by
 a) Reactive dye b) Vat dye
 c) Acid dye d) Azoic colour
- Q7 Resist is a _____ of printing.
 a) beginning b) style
 c) method d) None of these
- Q8 British gum is a
 a) Thickener b) Acid
 c) Alkali d) Reducing agent
- Q9 Rongalite C is
 a) Thickener b) Alkali
 c) Acid d) Reducing agent
- Q10 _____ is the most modern printing machine
 a) Roller b) Rotary
 c) Flat bed d) None of these

SECTION-B

Note: Objective type questions. All questions are compulsory. $(10 \times 1 = 10)$

- Q11 Define printing.
- Q12 Batik is a kind of _____ printing(Resist / direct style)
- Q13 For colour discharge the ground colour should be strong. (True/False)

- Q14 What is the objective of adding hygroscopic agent.
- Q15 What are various methods of printing?
- Q16 What are rapid fast colours?
- Q17 What is Direct style of printing?
- Q18 Name any two methods for Naphthol colour printing?
- Q19 Which type of print are made by resist / discharge style printing?
- Q20 Name any two traditional styles of printing.

SECTION-C

- Note:** Short answer type questions. Attempt any twelve questions out of fifteen questions. $(12 \times 5 = 60)$
- Q21 Explain the mechanism of pigment printing.
- Q22 Write down the method of producing white and coloured khadi print.
- Q23 What is Diazotization?
- Q24 What is the sources of starch thickener.
- Q25 Discuss the merits and demerits of transfer printing
- Q26 Discuss the resist style of printing on aniline black background.
- Q27 What are different types of naphthol ? Give one example of each.
- Q28 Write a short note on Burn out style
- Q29 Explain the concept of flow form technique.