

- Q.34 Differentiate between resist and discharge style of printing.
- Q.35 Which thickener is recommended for printing of reactive dyes? Write recipe for print.

SECTION-D

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

- Q.36 Write down the working of continuous transfer printing machine with neat diagram.
- Q.37 Explain the coloured resist printing under vat ground colour on cotton material.
- Q.38 Write in brief the Direct dye printing in any two style.
- b)

No. of Printed Pages : 4

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Roll No.....

4th Sem, Branch : Textile Processing Subject : TOP-II

Time : 3 Hrs.

M.M. : 100

SECTION-A

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

- Q.1 Roller printing is a _____ of printing
- a) Style b) Dye
- c) Method d) None of these
- Q.2 _____ is the example of discharging agent
- a) Salt b) Starch
- c) Urea d) Rogalite C
- Q.3 Fixation of reactive dye takes place in _____ pH.
- a) Alkaline b) Neutral
- c) Acidic d) None of these
- Q.4 Give an example of natural thickener.
- a) Hydros b) Starch
- c) Urea d) None of these
- Q.5 Tie and die is a kind of _____ style printing
- a) Resist b) Disperse
- c) Direct d) None of these
- Q.6 Ageing is a _____ process.

- a) Post printing b) Simultaneous
c) Pre printing d) None of these
- Q.7 Resist is a _____ of printing.
a) Beginning b) Style
c) Method d) None of these
- Q.8 _____ has affinity for vat dyes.
a) Cotton b) Nylon
c) Polyester d) None of these
- Q.9 _____ agent is added to printing paste to reduce foam formation.
a) Hygroscopic b) Defoaming
c) Exhausting d) None of these
- Q.10 _____ is added in printing paste for viscosity.
a) Hygroscopic b) Defoaming
c) Exhausting d) Thickener

SECTION-B

Note: Objective type questions. All questions are compulsory. (10x1=10)

- Q.11 Give two example of resisting agent.
Q.12 What do you mean by illuminating colours?
Q.13 What are rapid fast colour.
Q.14 What are the mechanisms of Tie & Die printing.
Q.15 What is Vatting process?
Q.16 Why singeing is necessary before Printing?

- Q.17 Name two water soluble dyes.
Q.18 What is crimp style of printing.
Q.19 Define the term dischargeability.
Q.20 What dye is preferred for transfer printing?

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

- Q.21 Discuss about Dye weave technique of printing?
Q.22 What is wet fixation process for printing with reactive dyes.
Q.23 What are the requirements of paper and dye to be used in transfer printing.
Q.24 Explain the concept of bandhani prints.
Q.25 Discuss the merits and demerits of transfer printing.
Q.26 Discuss resist style of printing on aniline black background.
Q.27 Write down the process of direct style of printing of reactive and vat on cotton.
Q.28 Write a short note on Burn out style.
Q.29 Explain the concept of flow form technique.
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.