

- 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.