

- Q.31 Explain the coloured discharging on reactive ground.

Q.32 How will you print azoic print?

Q.33 Discuss the process of Batik printing.

Q.34 Differentiate between resist and discharge style of printing.

Q.35 Write a short note on pigment printing

No. of Printed Pages : 4  
Roll No. ....

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4th Sem.

## **Branch : Text. Proc. Text. Chem. Sub.: Technology of Printing-II**

Time : 3 Hrs.

M.M. : 100

## **SECTION-A**

**Note: Multiple type Questions. All Questions are compulsory. (10x1=10)**

- Note: Long answer questions. 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 under solubilised vat and naphthol colours as ground colour.

Q.38 Write a short note on

  - a) Vacuum transfer printing machine
  - b) White and coloured khadi printing

Q.1 Bandhani technique used for obtaining \_\_\_\_\_ printing.

- a) Direct
- b) Discharge
- c) Resist
- 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 Viscosity of printing paste is increased by adding \_\_\_\_\_.  
a) Hydros                            b) Thickener  
c) Urea                              d) None of these

Q.5 In \_\_\_\_\_ printing ground is not dyed before printing

- a) Discharge
- b) Resist
- c) Exhausting
- d) None of these

- Q.6 Rongalite C used in printing paste acts as a \_\_\_\_\_  
 a) Oxidising agent      b) Thickener  
 c) Reducing agent      d) None of these
- Q.7 Alkaline and reducing conditions are required in printing with \_\_\_\_\_ dyes  
 a) Vat                    b) Direct  
 c) Acid                    d) None of these
- Q.8 \_\_\_\_\_ has affinity for vat dyes.  
 a) Cotton                b) Nylon  
 c) Polyester             b) None of these
- Q.9 \_\_\_\_\_ agent is added to printing paste to reduce foam formation  
 a) Hygroscopic           b) Exhausting  
 c) Defoaming            d) None of these
- Q.10 \_\_\_\_\_ colour is used on the paper in heat transfer printing  
 a) Reactive Dye        b) Disperse  
 c) Direct Dye           d) None of these

### SECTION-B

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

- Q.11 Give one example of discharging agent.
- Q.12 What do you mean by illuminating colors?
- Q.13 What are rapid fast colors.

- 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 dyes 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 Explain direct printing style on cotton with direct and reactive colours.
- Q.23 What are the requirements of paper and dye to be used in transfer printing.
- Q.24 Write a note on Tie and Dye.
- 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 white and coloured discharge style of printing of 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.