

- Q.30 What are common Screen printing faults for Cotton fabric? Explain with reasons.
- Q.31 Differentiate between discharge and Resist style of printing.
- Q.32 Write a note on Drying and curing of printed fabric.
- Q.33 What are thickeners? Mention any 4 properties of thickeners.
- Q.34 Discuss the working of Roller printing machine with the help of a diagram.
- Q.35 Write a short note on stencil printing.

#### SECTION-D

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

- Q.36 List out the defects, their causes and remedies of defects in Roller printing?
- Q.37 Write a note on following
- Different Squeeze system in printing
  - Automatic flat bed screen printing machine.
- Q.38 Explain in detail any one ageing and steaming machine used for fixation of print with help of a diagram.

No. of Printed Pages : 4

Roll No. ....

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#### 4th Sem / Trade - Text. Design

#### Subject:- Printing Technology / Printing Tech - II

Time : 3Hrs.

M.M. : 100

#### SECTION-A

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

- Q.1 Style of printing is/are \_\_\_\_.
- Resist style
  - Direct style
  - Discharge style
  - All of these
- Q.2 \_\_\_\_\_ is used to print paper used in transfer printing.
- Direct
  - Acid
  - disperse
  - None of these
- Q.3 Which of the following is/are After treatments
- Curing
  - Drying
  - Steaming
  - All of these
- Q.4 Write down the formula of soda ash?
- $\text{Na}_2\text{CO}_3$
  - $\text{NaOH}$
  - $\text{NaCl}$
  - None of these
- Q.5 \_\_\_\_\_ is used in roller printing for removing extra colour from copper roller?

- a) Mandrel                      b) Lapping  
c) lint doctor                  d) colour doctor
- Q.6 \_\_\_\_\_ is an example of thickener.  
a) Starch                      b) CMC  
c) Sodium alginate          d) all of these
- Q.7 Printing ingredients is/are  
a) Dye                      b) Acid  
c) Thickener                  d) All of these
- Q.8 Rongalite C is used as \_\_\_\_\_ in printing  
a) Thickener                  b) Alkali  
c) Acid                      d) Reducing Agent
- Q.9 Exhausting agent used in processing industry is \_\_\_\_\_?  
a) Starch                      b) CMC  
c) Sodium chloride          d) All of these
- Q.10 CMC is a \_\_\_\_\_  
a) Thickener                  b) Alkali  
c) Acid                      d) Reducing Agent

### SECTION-B

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

- Q.11 Name the fiber suitable for making screens.  
Q.12 Define printing?  
Q.13 Define bleaching.

- Q.14 Which color is suitable for printing cotton fabrics?  
Q.15 Define curing?  
Q.16 What is Lapping?  
Q.17 What is function of Backgrey?  
Q.18 Write down an example of Hygroscopic agent?  
Q.19 Name the fabric used in heat transfer printing?  
Q.20 Write down Chemical formula of Sodium hydroxide?

### SECTION-C

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

- Q.21 How cotton material is prepared for printing.  
Q.22 Write down the 02 properties each of Paper, ink and fabric used in heat transfer printing.  
Q.23 Explain various constituents of printing paste with their importance?  
Q.24 Write note on advantage and disadvantages screen printing.  
Q.25 Explain some suitable method of engraving on copper roller of Roller Printing machine?  
Q.26 Explain a general flow process for preparation of cloth printing.  
Q.27 Explain Block printing method.  
Q.28 Explain the wet transfer printing.  
Q.29 Explain working of Roller printing with a diagram?

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