

- Q.28 What are the important preparation step for silk fabric.
- Q.29 Explain process parameters of steam style of printing.
- Q.30 List any five advantages of roller printing machine.
- Q.31 Differentiate between direct and discharge style of printing.
- Q.32 Illustrate the working of sublimation transfer printing.
- Q.33 Discuss the limitation of flatbed printing machine.
- Q.34 What are the importance of printing paste ingredients.
- Q.35 What is the difference between dyeing and printing process.

#### Section-D

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

- Q.36 Explain colored discharge style of printing for cotton polyester blended fabric.
- Q.37 Explain construction and working of rotary screen printing machine in detail.
- Q.38 What are different auxiliaries and their functions in printing process?

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**4th Sem. / Branch : Textile Design**  
**Subject : Printing Technology/Printing Technology - II**

Time : 3 Hrs.

M.M. : 100

#### SECTION-A

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

- Q.1 \_\_\_\_\_ is a hygroscopic agent used in printing paste.
- a) Calcium chloride      b) Glycerin  
c) Gum tragacanth      d) Hydrogen Sulphate
- Q.2 Sensitising solution is used in the preparation of \_\_\_\_\_ for printing.
- a) Screen      b) Stencil  
c) Roller      d) Block
- Q.3 \_\_\_\_\_ is a pre-treatment for printing of cotton.
- a) Scouring      b) Sanforizing  
c) Fixing      d) Calendaring
- Q.4 In a four colour printing using blocks a minimum of \_\_\_\_\_ number of blocks are required.
- a) 4      b) 2  
c) 1      d) 3

- Q.5 The function of doctor blade in roller printing is to
- Give pressure to the roller
  - Scrap off excess colour paste from the roller
  - Give pressure to the cloth
  - Steaming the roller

- Q.6 The treatment that follows printing are termed
- Successor process
  - After treatment
  - Discharging
  - Crimping

- Q.7 \_\_\_\_\_ printing is a resist style of printing.
- Batik
  - Screen
  - Roller
  - Stencil

- Q.8 \_\_\_\_\_ is an after treatment for printed cloth
- Texturising
  - Steaming
  - Scouring
  - Sizing

- Q.9 De-sizing is a \_\_\_\_\_ process
- Dyeing
  - Pre-treatment
  - After-treatment
  - Printing

- Q.10 \_\_\_\_\_ is a universal bleaching agent
- Bleaching powder
  - Hydrogen peroxide
  - Copper sulphate
  - Hydrogen chloride

### Section-B

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

- Q.11 Define printing.

- Q.12 Define mordant.
- Q.13 Shuttle is used for inserting \_\_\_\_\_ through the shed.
- Q.14 Define discharge printing.
- Q.15 Tell the function of printing paste.
- Q.16 List any one objective of curing treatment.
- Q.17 Define stencil printing.
- Q.18 Describe the use of blanket in block printing.
- Q.19 List any one type of discharge printing.
- Q.20 \_\_\_\_\_ is a resist style of printing

### Section-C

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

- Q.21 Discuss the important ingredients of pigment print paste.
- Q.22 What is the significance of fabric movement during rotary screen printing.
- Q.23 Explain side weft fork motion with the help of neat diagram.
- Q.24 Discuss mordant printing technique briefly.
- Q.25 Describe the limitations of block printing.
- Q.26 What are the important quality control parameters for printing process.
- Q.27 Explain the resist style of printing.