

SECTION-D

No. of Printed Pages : 4

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Roll No.

Note: Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

Q.23 Explain the principle, construction and working of winch dyeing machine ?

Q.24 Describe method of application of acid dye to silk?

Q.25 Define dye. Classify colouring matter with the help of a neat diagram?

4th Sem / Textile Design

Subject : Dyeing Technology-I

Time : 3 Hrs.

M.M. : 60

SECTION-A

Note: Multiple choice questions. All questions are compulsory (6x1=6)

Q.1 Term black tendering is related to ____ dye?

- a) Vat
- b) Direct
- c) sulphur
- d) Reactive

Q.2 Which dye forms covalent bond with viscose?

- a) Reactive
- b) Direct
- c) Acid
- d) Vat

Q.3 Which of following is a natural dye?

- a) Vat
- b) Basic
- c) Reactive
- d) Turmeric

Q.4 Which dye is used to dye wool ?

- a) Vat
- b) Disperse
- c) sulphur
- d) Acid

Q.5 The term hydrolysis is related to __ dye?

- a) Vat
- b) Direct
- c) Acid
- d) Reactive

Q.6 In natural dyeing _____ are used ?

- a) Sulphur
- b) Calcium
- c) Nitrogen
- d) Mordants

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. (6x1=6)

Q.7 Name a batch machine used in dyeing ?

Q.8 List any two dyes used to dye viscose?

Q.9 List any two dyes used to dye cellulosic material?

Q.10 Name any two exhausting agent used in dyeing?

Q.11 Name the chemical used for solubilising vat dye?

Q.12 List any two water insoluble dyes?

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

Q.13 Write a note on after treatments of direct dyed material?

Q.14 Discuss method of application of reactive dye on cellulosic material ?

Q.15 Discuss about continuous dyeing of cotton ?

Q.16 List any four properties of direct dyes?

Q.17 Explain any one process for application of vat dyes to cotton?

Q.18 Why bronziness occur in sulphur dyeing?

Q.19 What are the reasons pf sulphur black tendering?

Q.20 Discuss the application process for natural dyes ?

Q.21 Write any four properties of sulphur dyes?

Q.22 Explain the term exhaust dyeing?