



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 solublising 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?