

- Q.30 What precautions should be taken for beam batching on HTHP beam dyeing machine .
- Q.31 List 4 factors, their guidelines/ standards and method of checking for Padding Mangle .
- Q.32 List three operational aspects for PQC in Jigger dyeing machine.
- Q.33 How do you go for fibre packing in fibre dyein machine?
- Q.34 Mention any 5 considerations taken for selection of dyes.
- Q.35 Mention any 4 causes for variation in fabric dyed on Jigger & how to overcome them?

#### **SECTION-D**

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

- Q.36 Mention in detail the various control parameters during bleaching in kier.
- Q.37 Explain different parameter you check during selection of dyes, chemicals & Auxiliaries.
- Q.38 How can you reduce shade variation in Jigger Dyeing

No. of Printed Pages : 4                    182665/122665/032665  
Roll No. ....

**6<sup>th</sup> Sem / Text. Proc, Text. Chem.  
Subject:- Process Quality Control in Textile  
Wet Processing**

Time : 3Hrs.                                M.M. : 100

#### **SECTION-A**

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

- Q.1 In Scouring we go for removal of  
 a) Hairy fiber                                b) Stains  
 c) Wax and oil                                d) Ends joining
- Q.2 In Gray inspection we check for  
 a) Stains                                        b) Cut  
 c) Length                                        d) All of these
- Q.3 Desizing the process of removal of  
 a) Hairy fiber                                b) Wax  
 c) Starch                                        d) Ends joining
- Q.4 In scouring we get the fabric with good  
 a) Dimensional Stability b) Luster  
 c) Absorbency                                d) None of these
- Q.5 In Jigger we check for  
 a) Time                                        b) Temp  
 c) Loading efficiency                        d) All of these

- Q.6 In fiber dying, a dyer has to check for  
 a) Type of Package      b) Type of yarn  
 c) Package density      d) All of these
- Q.7 For making the process Continuous we use  
 a) HTHP                  b) Padding Mangle  
 c) Jigger                  d) None of these
- Q.8 Jigger is machine for  
 a) Continuous Process    b) Padding Process  
 c) Semi Cont.            d) None of these
- Q.9 Direct dyes are  
 a) Anionic dyes          b) Cationic dyes  
 c) Non ionic dyes        d) None of these
- Q.10 Rate of dyeing is reduced by  
 a) Levelling agents      b) Carriers  
 c) Exhausting agents     d) None of these

### **SECTION-B**

- Note:** Objective type questions. All questions are compulsory. (10x1=10)
- Q.11 In processing the succeeding process depends upon -  
 ----
- Q.12 Long protuding fibres are removed by -----
- Q.13 Speed of m/c is checked by-----
- Q.14 In processing the efficiency of----processss depends upon preceding process.

- Q.15 Stains are checked by-----
- Q.16 Grey fabric length is checked by-----
- Q.17 Desizing efficiency should be-----
- Q.18 Temperature is checked by-----
- Q.19 There should be no-----flame during gas singeing
- Q.20 PH is checked by-----

### **SECTION-C**

- Note:** Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)
- Q.21 What are basic needs in fibre or yarn dyeing deptt?
- Q.22 Mention parameters of calendaring process.
- Q.23 Mention parameters & related necessary actions in shearing & Cropping.
- Q.24 Mention parameters & method of checking during bleaching in Pad-roll system
- Q.25 What are objectives of process control in printing?
- Q.26 What a dyer considers for selection of dyes and chemicals ?
- Q.27 What PQC measures are taken for aftetreatments on dyed fabric ?
- Q.28 Write the control parameters during drying ?
- Q.29 How will you give points for quality measures for various stitching defects ?