

### SECTION-C

**Note:** Long answer type questions. Attempt any three questions. 3x10=30

- Q.3 Explain the construction & working of beam dyeing machine.
- Q.4 Explain types of textural finishes & techniques of applying them.
- Q.5 Explain the construction & working of hank dyeing machine.
- Q.6 Explain the construction & working of jigger & winch dyeing machine.
- Q.7 Write short note on :-
- i) Continuous dyeing range machine
  - ii) Banned dyes & chemicals.

No. of Printed Pages : 4

Roll No. ....

122553

**5th Sem. / Textile Design**

**Subject : Dyeing Technology - II**

Time : 3 Hrs.

M.M. : 100

### SECTION-A

**Note:** Very Short Answer type questions. Attempt any 15 parts. (15x2=30)

- Q.1
- a) What is HTHP?
  - b) What is direct dye?
  - c) What is difference between acid & basic dye?
  - d) What is bleaching agent?
  - e) What are Pigment Dyes?
  - f) Give an example of natural dye.
  - g) What is a vegetable dye?
  - h) What are reactive dyes?
  - i) What do you understand by fastness?

- j) What are azo dyes?
- k) Give an example of eco friendly dye.
- l) What are disperse dyes?
- m) How dyes are harmful to environment?
- n) Name any artificial dye?
- o) What is Tie & Dye?
- p) What is purpose of dyeing?
- q) What is use of rinsing in dyeing process?
- r) Give an example of banned dye.

### SECTION-B

**Note:** Short answer type questions. Attempt any ten parts 10x4=40

- Q.2
- i) What are required properties of resins to be used in finishing?
  - ii) Explain the defects by using blend of disperse/Acid dyes.
  - iii) State any four common faults in dyeing.

- iv) Write short note on cold water dyeing.
- v) Write four properties of modified basic dye stuff.
- vi) Write short note on carrier dyeing.
- vii) Explain the defects by using blend of disperse/Vat dyes.
- viii) What are the essential points which one should keep in mind when dyeing the fabrics at home?
- ix) Write short note on rubbing fastness.
- x) Explain the remedies of defects by using blend of disperse/reactive dyes.
- xi) Write short note on eco friendly dyes.
- xii) Write short note on washing fastness.
- xiii) Explain the defects of dyeing with blend of direct & acid dye.
- xiv) Write short note on thermo sol dyeing.
- xv) Explain the defects of dyeing with blend of disperse & reactive dye.