B. Tech.

(SEM. IV) EXAMINATION, 2006-07

WET PROCESSING OF TEXTILES – II

Time : 3 Hours] [Total Marks : 100

Note : Attempt any one part of all questions. All questions carry equal marks.

1. (a) Classify vat dyes according to their mode of application? Write the process of applying solubilised vat dyes on the cotton fabric.

(b) What are azoics? Write the method of its application. State the role of alkali, mineral acid, organic acid and temperature in Azoic colour dyeing.

2. (a) Classify acid dyes. Give the dyeing of woolen yarn with the dyes having maximum fastness properties.

(b) Write the process of dyeing of silk in hankform. How silk dyeing differs from wool dyeing?
3. (a) How do the colour fade in light? Discuss the latest method of measuring light fastness of dyed material.
(b) Explain the term sublimation fastness. Write the process.

4. (a) Write the processing of printing with rotary screen.
(b) What is transfer printing? Discuss technically. Give its limitations.

5. (a) Classify styles of printing? Why discharge style is not in practice? State the discharging agents used in printing.
(b) Write the complete process of printing cotton fabric with pigment colours or polyester with disperse colours.