

Scheme – I
Sample Question Paper

Program Name : Diploma in Fashion and Clothing Technology
Program Code : DC
Semester : Fourth
Course Title : Technology of Pre-treatment and Colouration
Max. Marks : 70

22470

Time: 3 Hrs.

Instructions:

- (1) All questions are compulsory.
- (2) Illustrate your answers with neat sketches wherever necessary.
- (3) Figures to the right indicate full marks.
- (4) Assume suitable data if necessary.
- (5) Preferably, write the answers in sequential order.

Q.1 Attempt any FIVE of the following.

10 Marks

- a. State the object of wet processing.
- b. Define mercerisation process.
- c. Define dyes and pigment.
- d. State % expression with example.
- e. Define solid dyeing and cross dyeing
- f. State the object of printing.
- g. Define novel printing method.

Q.2 Attempt any Three of the following.

12 Marks

- a. Describe with neat sketch construction of shearing cropping machine.
- b. Suggest machine for dyeing of 100% cotton fabric in batch
- c. Describe with neat sketch construction and working of HTHP machine
- d. Describe tie and dye method of printing

Q.3) Attempt any Three of the following.

12 Marks

- a. Describe with neat sketch construction of gas singeing machine.
- b. Describe with process parameter thermosol dyeing of cotton
- c. Explain direct style of printing of wool using acid dyes.
- d. Describe Khadi printing with process parameter.

Q.4) Attempt any Three of the following.

12 Marks

- a) Describe the method of evaluating the efficiency of Scouring.
- b) Suggest a method for bleaching of 100 % cotton fabric in jigger machine.
- c) Describe with process parameter direct style of printing of polyester
- d) Describe with process parameter flock printing of cotton.
- e) Suggest printing method for fluorescent print effect

Q.5) Attempt any Two of the following.

12 Marks

- a. Describe with neat sketch construction and working of mercerisation machine for woven fabric.
- b. Suggest process parameter for dyeing of cotton fabric with reactive dye.
- c. Suggest process parameter for dyeing of P/C fabric in one bath.

Q.6) Attempt any Two of the following.

12 Marks

- a. Suggest process parameter for dyeing of silk fabric with acid dye.
- b. Suggest any six print paste ingredient used in printing with justification.
- c. Suggest process parameter for printing of printing p/c blend fabric to get novel print effect.

Scheme – I
Sample Test Paper - I

Program Name : Diploma in Fashion and Clothing Technology
Program Code : DC
Semester : Fourth
Course Title : Technology of Pre-treatment and Colouration
Max. Marks : 20

22470

Time: 1 Hour

Instructions:

- (1) All questions are compulsory.
- (2) Illustrate your answers with neat sketches wherever necessary.
- (3) Figures to the right indicate full marks.
- (4) Assume suitable data if necessary.
- (5) Preferably, write the answers in sequential order.

Q.1 Attempt any FOUR.

08 Marks

- a. State the object of gray inspection.
- b. Enlist singeing method used for singeing of cotton.
- c. State object of mercerisation process.
- d. Define dyes and pigment.
- e. State the classification of dyes
- f. Draw neat labelled diagram of jigger machine .

Q.2 Attempt any THREE.

12 Marks

- a. Describe with neat sketch working of gas singeing machine.
- b. Explain four point system of gray inspection with formula.
- c. Explain mechanism of hydrogen peroxide for cotton fibre.
- d. Explain percentage expression and exhaustion with example
- e. Describe with neat sketch working of soft flow machine

Scheme – I
Sample Test Paper - II

Program Name : Diploma in Fashion and Clothing Technology
Program Code : DC
Semester : Fourth
Course Title : Technology of Pre-treatment and Colouration
Max. Marks : 20

22470

Time: 1 Hour

Instructions:

- (1) All questions are compulsory.
- (2) Illustrate your answers with neat sketches wherever necessary.
- (3) Figures to the right indicate full marks.
- (4) Assume suitable data if necessary.
- (5) Preferably, write the answers in sequential order.

Q.1 Attempt any FOUR.

08 Marks

- a. Define solid and cross dyeing.
- b. State one bath and two bath dyeing method.
- c. State object of printing.
- d. State classification printing methods.
- e. Define novel printing method.
- f. Enlist any four product khadi printing .

Q.2 Attempt any THREE.

12 Marks

- a. Describe the mechanism carrier dyeing.
- b. Describe with neat sketch construction of HTHP machine.
- c. Enlist any four ingredient with their function used in printing.
- d. Explain printing of cotton with reactive dyes.
- e. Suggest process parameter for printing of printing cotton fabric to get high density novel print effect.