

**B.A. IN APPAREL DESIGN AND  
MERCHANDISING (BAADM)**

**Term-End Examination**

**June, 2012**

**BFM-045 : INTRODUCTION TO TEXTILE - II  
(DYEING AND PRINTING)**

*Time : 3 hours*

*Maximum Marks : 100*

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*Note : Attempt any 3 questions from Section - A. All the questions are compulsory in section-B.*

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**SECTION-A**

(Answer *any 3* questions out of four)

1. Give five major differences between warp and weft knitted fabrics. **10**
2. Illustrate and explain, with the help of knitting notations, four basic types of knitted fabrics. **10**
3. What are the methods of ornamentation and value addition of basic knitted fabrics? **10**
4. Explain *any five* terms : **5x2=10**
  - (a) Stitch
  - (b) Wales
  - (c) 2×2 Rib
  - (d) GSM
  - (e) Ladder
  - (f) Interlock fabric
  - (g) Engineered stripes
  - (h) Flat knitting

## SECTION-B

(All questions are *compulsory*)

5. Explain *any six* terms (8-10 lines) 5x6=30
- (a) Parchmentisation
  - (b) Squeege
  - (c) Viscosity of a print paste
  - (d) Calendering
  - (e) Singeing
  - (f) Block printing method
  - (g) Duplex prints
  - (h) Jone on tone effects
6. Differentiate between the following (*any 4*) : 5x4=20
- (a) Hand screen printing and Rotary screen printing.
  - (b) Permanent and Durable finishes
  - (c) Discharge and Resist printing
  - (d) Cross dyeing and Union dyeing
  - (e) Beam dyeing and Jig

(Attempt either *Part I* or *II* of question 7)

7. (I) (a) What is dyeing? State various sources of natural dyes. State the importance of temperature and %age shade in any dyeing process. 10

- (b) List the various classes of dyes. 10  
Explain any 3 class of dyes, mentioning their affinity for fibers/filaments and fastness properties.

OR

- (II) (a) What is finishing ? Classify finishes on the basis of aesthetics and functionality. Explain two finishes frame both heads with examples. 10
- (b) What is printing ? How does it differ from dyeing ? Explain the following print style: ikat style, direct style, Flock, transfer print. 10
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