

**Exam. Code : 108603**

**Subject Code : 2897**

**B.Sc. (Fashion Designing) 3<sup>rd</sup> Semester**

**TEXTILE CHEMISTRY—II**

**Paper—II**

**Time Allowed—3 Hours]**

**[Maximum Marks—50**

**Note :—**(1) Attempt any **FIVE** questions.

(2) All questions carry equal marks.

(3) Give illustrations and examples wherever required.

1. Discuss various principles of design that should be used while designing clothes.
2. Define applied and structural designs. Discuss techniques of applied designs on textiles.
3. What do you understand by textural finishes in textiles ? Discuss with examples.
4. Define printing. Discuss modern methods of printing followed in textiles.
5. Discuss various types of dyes that are used on textile fibres.
6. What is decorative dyeing ? Explain the methods.
7. Differentiate between traditional and modern methods of printing.
8. What is pigment theory ? Discuss various colour schemes.

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**B.Sc. (Fashion Designing) 3<sup>rd</sup> Semester  
PATTERN MAKING AND GARMENT  
CONSTRUCTION**

**Paper—III**

Time Allowed—3 Hours]

[Maximum Marks—50

**Note :—** Answer any **FIVE** questions. All questions carry equal marks.

1. What is the importance of a pattern envelope ? What are the contents of a pattern envelope front and back ?  
10
2. What is the importance of estimation of the fabric ? Estimate the fabric required for a suit shirt of your measurements.  
10
3. What are techniques of dart manipulation ? Explain in detail.  
10
4. What considerations are kept in mind in layout of border print fabric and plaid fabrics ?  
10
5. What is the importance of pattern layout ? Explain lengthwise and crosswise folds used in effective layout of pattern.  
10



6. How do pattern markings act as a sign language ?  
10
7. Which design features can be used to eliminate darts ?  
Explain any two. 10
8. Explain the steps in woven fabric preparation before  
construction of a garment. How is it different from fabric  
preparation of knitted fabrics ? 10

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**B.Sc. (Fashion Designing) 3<sup>rd</sup> Semester**  
**KNITTING AND LEATHER TECHNOLOGY**  
**Paper—V**

**Time Allowed—3 Hours]**

**[Maximum Marks—60**

**Note :—** Attempt any **SIX** out of **EIGHT** questions.  
All questions carry equal marks.

1. What is warp knitting ? Explain the stitches used in warp knitting.
2. What is knitting ? State the difference between warp and weft knitting.
3. Explain the types of knitting.
4. What is knitting ? Which common defects are found in knitted fabric ?
5. How knitting is different from weaving ?
6. What is knitting ? Which different types of machines are used for knitting the fabric ?
7. Explain the history of knitting and what is the future of knitting industry ?
8. Explain the following :
  - (a) Interlock stitch
  - (b) Tuck stitch
  - (c) Openlap stitch
  - (d) Underlap stitch.



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**B.Sc. Fashion Designing 3<sup>rd</sup> Semester**

**ENVIRONMENTAL STUDIES-I**

**Paper-ESL-221**

**Time Allowed—3 Hours]**

**[Maximum Marks—50**

**Note :- Section A (15 Marks) :** It consists of **five** short answer type questions. Candidates are required to attempt any **three** questions, each question carrying **5** marks. Answer to any of the questions should not exceed **two** pages.

**Section B (20 Marks) :** It consists of **four** essay type questions. Candidates are required to attempt **two** questions, each question carrying **10** marks. Answer to any of the question should not exceed **four** pages.

**Section C (15 Marks) :** It consists of **two** questions. Candidates are required to attempt **one** question only which carries **15** marks. Answer to the question should not exceed **five** pages.

**SECTION-A**

1. Discuss the problems related to use of pesticides.
2. Give a brief note on over-utilization of ground water.
3. What is ecological succession ?
4. Discuss the concept of an ecosystem.
5. What are the key issues under National Health Programme ?

### SECTION-B

6. Mention various types of non-renewable energy resources.
7. Give a brief account of issues involved in enforcement of environmental legislation.
8. What are ecological pyramids ?
9. What are the consequences of floods ? Mention various mitigation measures.

### SECTION-C

10. Give a detailed note on Air (Prevention and Control of Pollution) Act.
11. Give types, characteristic features, structure and function of aquatic ecosystems.