

S.No. 41

11 PCD 06

(For the candidates admitted from 2011 – 2012 onwards)

M.Sc. DEGREE EXAMINATION,
NOVEMBER/DECEMBER 2014.

Third Semester

Costume Design and Fashion

TEXTILE PROCESSING AND TESTING

Time : Three hours

Maximum : 75 marks

PART A — (5 × 5 = 25 marks)

Answer ALL questions.

1. (a) List and explain the process sequence in a textile processing mill.

Or

- (b) Give the objective of bleaching also classify bleaches.

2. (a) Enlist the properties of Vat and Direct dyes.

Or

- (b) Explain the fastness properties of dyes.

3. (a) Explain the styles of printing.

Or

(b) Explain flock printing.

4. (a) What is relative humidity?

Or

(b) Discuss about Moisture and its relation to a textile material.

5. (a) Discuss about yarn crimp.

Or

(b) How will you estimate the weight of a fabric?

PART B — (5 × 10 = 50 marks)

Answer ALL questions.

6. (a) Explain the objective, types and process parameters of desizing.

Or

(b) How will you evaluate a bleached fabric?

7. (a) What are natural dyes? How are they applied to a textile material?

Or

(b) Classify colorants.

2

S.No. 41

8. (a) Describe the ingredients of printing paste.

Or

(b) Elaborate on stencil printing.

9. (a) How will you determine the trash content in cotton?

Or

(b) How can fiber length be determined?

10. (a) Discuss the aspects of uster evenness tester.

Or

(b) Elaborate on the procedure for determining tensile strength of a fabric.

3

S.No. 41