

S.No. 2091

12UTF03

(For the candidates admitted from 2012–2013 onwards)

B.Sc. DEGREE EXAMINATION, NOVEMBER 2017.

Third Semester

Textile and Fashion Designing

TEXTILE PROCESSING

Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. Write the chemicals used for acid desizing.
2. What is singeing?
3. State the hypochlorite bleaching process.
4. Write the objectives of mercerization.
5. What is the character of vat dye?
6. List out the properties of basic dye.
7. State the curing process.

8. What are the different styles of printing?
9. Write the advantage of computer colour matching system.
10. What is the method used for testing colour fastness to lighting?

SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Write a short note on shearing process.
- Or
- (b) Explain the scouring process and its type with a neat diagram.
12. (a) Write a short note on hydrogen peroxide bleaching.
- Or
- (b) Give a brief note on stages of mercerization.
13. (a) Write the process of dyeing cotton with reactive dye.
- Or
- (b) Explain disperse dyeing in detail.

14. (a) List out and explain the ingredients used for printing.

Or

- (b) Explain the thermal fixing process after printing.
15. (a) Write about colour fastness to perspiration.

Or

- (b) Give a brief note on eco friendly textile processing.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Explain in detail about singeing process and its type.
17. Give a detailed note on mercerization process in cotton fabric.
18. Discuss the procedure of dyeing nylon and acrylic fabric with basic dyes.
19. Write in detail about flat bed screen printing.
20. Explain in detail about testing of colour fastness to washing and rubbing.