

**S.No. 5023**

**16 SACAF 3**

(For candidates admitted from 2016–2017 onwards)

**B.Sc. DEGREE EXAMINATION, APRIL 2022.**

**Part III — Allied**

**WET PROCESSING**

**Time : Three hours**

**Maximum : 75 marks**

**PART A — (10 × 2 = 20)**

**Answer ALL questions.**

1. Singering
2. Weighting of Silk
3. Natural Dyes
4. Cationic Dye
5. Stock Dyeing
6. Mordant
7. Beam Dyeing
8. Tone – on Effect

9. Bee wax

10. Negative Stencil

PART B — (5 × 5 = 25)

Answer ALL questions, choosing either (a) or (b).

11. (a) What is the need for Mercerization?

Or

(b) Outline the principles used in heat setting.

12. (a) Account for the advantages of Direct Dyes.

Or

(b) Write a brief note on Vat Dyes.

13. (a) Give a detail account on defects commonly seen in dyed fabrics.

Or

(b) Brief on the method of testing dyed fabrics for wash fastness.

14. (a) Give the steps involved in Foam dyeing.

Or

(b) Explain the merits and demerits of cross dyeing.

15. (a) How are printing paste prepared?

Or

(b) Write a note on discharged printing.

PART C — (3 × 10 = 30)

Answer any THREE questions.

16. Write a detail account on different sources used for bleaching and their merits and demerits.

17. Explain sulphur and azoic dyes.

18. Write a short note on Hand and Package dyeing.

19. Brief on the different steps in Jigger and Piece dyeing.

20. With suitable diagrams explain types of Batik printing.