

Exam. Code : 108601

Subject Code : 2805

B.Sc. (Fashion Designing) Ist Semester

TEXTILE CHEMISTRY—I

Paper—V

Time Allowed—Three Hours] [Maximum Marks—60

Note :— Attempt any **SIX** questions out of the following **EIGHT** questions. Each question carries **10** marks. Question No. 1 is compulsory.

1. Define any **TEN** out of the following :—

- (i) Absorbency
- (ii) Fancy Yarns
- (iii) Degumming
- (iv) Carbonization
- (v) Z-Twist
- (vi) Regenerated fibres
- (vii) Resiliency
- (viii) Pilling
- (ix) Filament fibres
- (x) Spinning
- (xi) Tenacity
- (xii) Yarn Count.

10×1

2. What do you know about classification of different fibres based on their source and origin ? 10
3. Write short notes on :—
 - (a) Wet Spinning
 - (b) Direct and Indirect yarn count. 5×2
4. Discuss the manufacturing process and end uses of Viscose Rayon. 10
5. Discuss the yarn classification in detail. 10
6. Explain the physical and chemical properties of Wool fibre in detail. 10
7. Compare the properties of Cotton and Linen. 10
8. Discuss any five primary properties of a fibre. 10