

[illegible]

M.Code : 71653

Max. Marks : 60

SECTION-B

2. Describe the manufacture of Tencel fibre.
3. With the help of a neat sketch, briefly describe the solution dry spinning process. For which types of polymers solution dry spinning is used?
4. How alkali treatment influences the structure and properties of cotton?
5. What is the action of alkali on protein fibres? Why exposure to alkali is considered more harmful for wool compared to silk?
6. Why wet strength of viscose reduces, where as that of cotton increases?

SECTION-C

7. Describe with neat sketch the various quenching systems for melt spinning. What are the essential and desirable properties of fibre forming polymers?
8. What is Polynosic fibre? Describe in detail the manufacture and properties of Polynosic fibre.
9. With the help of a neat sketch describe the fine structure of wool. What are the factors that contribute to the differences in properties of cotton and viscose?

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.