

0906E543

Candidate's Seat No : _____

B.Sc. (FAD) Sem.-2 Examination**FAD - 203****Textile Science****June 2022****Time : 2-00 Hours]****[Max. Marks : 50**

NOTE: i) Attempt any 5 of the following.

ii) Each question carries 10 marks

Q1) What do you understand by the term "textile"? Classify them and write their essential properties in brief.

Q2) Define staple and filament fibres. Differentiate between natural and man - made fibres.

Q3) What is yarn texturizing? Explain different methods of yarn texturizing with diagram.

Q4) Write short notes on the following:

- 1) Spinning methods
- 2) Rayon fibre
- 3) Pineapple, carbon and glass fibres
- 4)

Q5) Write physical and chemical properties of nylon and wool fibre.

Q6) What are the sources of cotton fibre? Explain its manufacturing and various properties in detail.

Q7) Write in detail about polyester fibre and cellulose acetate fibres.

Q8) Explain physical and chemical properties of acrylic and cuprammonium rayon fibre.

Q9) Explain in detail about silk fibre.

Q10) Define the following: (Any 5)

a. Theory of dyeing	b. Role of water	c. Role of electrolytes
d. Components of dyeing,	e. Scouring after dyeing	
f. Role of auxiliaries	g. Dye molecule	

-----All the best-----