

**B.B.A. DEGREE EXAMINATION, NOVEMBER 2008**  
**APPAREL MANUFACTURING AND MERCHANDISING**  
**FIBRE SCIENCE & TECHNOLOGY**

Duration : 3 Hours

Maximum : 60 marks

**Part - A**

(6 x 5 = 30)

Answer All Questions

1. a. Discuss the essential properties of textile fibres.

(OR)

b. Classify the textile fibres based on their origin.

2. a. Draw the physical and chemical structure of cotton fibre. List the chemical composition

(OR)

b. Discuss the important Indian Cotton varieties.

3. a. Write a short notes on chemical composition of silk fibre and its properties.

(OR)

b. Discuss the different types of wool fibre and its properties.

4. a. What is the raw material for viscose? How it is purified? Mention the chemical nature

(OR)

b. Write a short notes on Tencel fibres and its end uses.

5. a. Discuss the steps involved in Polyamide fibre production process

(OR)

- b. Draw the flow chart for polypropylene fibre production process.  
List the fibre end uses.

6. a. How cotton and viscose fibre are identified ?

(OR)

- b. Differentiate the regenerated and synthetic word. List any five manufacturers in India.

**PART -B**

(3 x 10 = 30)

Answer ALL Questions

7. a. Define the Textile fibre. Discuss about the principles of manmade fibre production process.

(OR)

- b. Write a short notes on best fibres.

8. a. Discuss the structural difference between silk and wool fibre. List the end uses.

(OR)

- b. Explain in detail about the viscose rayon manufacturing process

9. a. Explain in detail about the polyester fibre production process.

(OR)

- b. Give the identification process for silk, wool, nylon and acrylic fibres.

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