

- No. of Printed Pages : 4 122625/032614A/32623/60038
Roll No.

2nd Sem/Text. Proc./Text Tech/Textile Chemistry
Subject : Textile fibres/Textile raw materials

M.M. : 100

Note: Multiple choice questions. All questions are compulsory (10x1=10)

- Note:** Long answer type questions. Attempt any two questions out of three questions. (2x10=20)
- Q.36 Describe the process of production of silk. Also tell its physical and chemical properties.
- Q.37 Explain the chemical properties of wool.
- Q.38 Discuss physical and chemical properties of polyester fibres in detail.

- c) Wool d) Rayon
- Q.6 Which of these is not a natural fibre
- a) Acrylic b) Jute
- c) Ramie d) Cotton
- Q.7 Jute is a
- a) Seed hair b) Bast fiber
- c) Leaf fiber d) None of these
- Q.8 Which of these is a Regenerated fibres
- a) Nylon b) Acrylic
- c) Rayon d) None of these
- Q.9 Coir is obtained from
- a) Banana b) Coconut
- c) Linseed d) Pineapple
- Q.10 Which fibre burns and emits a smell of burning hair
- a) Wool b) Cotton
- c) Polyester d) None of the above

SECTION-B

Note: Objective type questions. All questions are compulsory. (10x1=10)

- Q.11 Define textiles.
- Q.12 What is tenacity?

- Q.13 Define resilience.
- Q.14 Name any two manmade filament fiber.
- Q.15 Define staple fibre.
- Q.16 What are acetate fibers?
- Q.17 What is the use of viscose fibre?
- Q.18 Name the polyester polymer?
- Q.19 Under microscope, cotton fiber appear as _____.
- Q.20 What is a polymer?

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

- Q.21 Name the impurities found in wool. How are they removed?
- Q.22 Explain luster. How does cross-sectional shape affect luster.
- Q.23 Draw morphological structure of cotton.
- Q.24 List the requirements of fiber-forming polymers.
- Q.25 What is the nylon fibre made up of?
- Q.26 Explain the grading of cotton.
- Q.27 List the uses of hemp.
- Q.28 Differentiate between staple and filament fiber.
- Q.29 List the physical properties wool.