



KERALA STATE RUTRONIX

Textile Science - I

(AGFD, DCFD, GFD)

Question code

C3

Time : 2 hours

Maximum Marks : 100

Note: Write the answers for Questions from 1 to 10 in the MCQ answer sheet

Part – I Fill in the blanks

(10 x 1 Mark = 10 Marks)

- 1) Wool obtained from goat is the best.
- 2) Animal fibers are in composition.
- 3) Cultivation of silk is known as
- 4) is the simplest and most common type of weave.
- 5) fiber is called king of fiber.
- 6) Weaving is the process of between the warp and weft yarn.
- 7) When Rayon burns, it smells like
- 8) is the basic unit for determining the count or size of yarn.
- 9) Linen is taken from plant.
- 10) is the process by which the seeds and leaves are removed from the stem of a dried flax plant.

(താഴെക്കൊടുത്തിട്ടുള്ള ചോദ്യങ്ങൾക്ക് ഉത്തരങ്ങൾ മലയാളത്തിലും എഴുതാം)

Part – II Write short notes on

(5 x 2 Marks = 10 Marks)

- 11) Properties of Rayon.
- 12) Stalk fiber.
- 13) Poplin Fabric.
- 14) Dyeing.
- 15) Ginning.

Part – III Explain the following (Any Four)

(4 x 5 Marks = 20 Marks)

- 16) Characteristics of Leather Fabric.
- 17) Mineral Fibers.
- 18) Uses of Jute Fabric.
- 19) Characteristics of Coir Fabric.
- 20) Uses of Hemp Fabric.
- 21) Characteristics of Polyester Fabric.

Part – IV Explain the following (Any Six)

(6 x 10 Marks = 60 Marks)

- 22) Spun yarn, Filament yarn and Textured yarn.
- 23) Manufacturing process of Cotton Fabric.
- 24) Classification of Textile Fibers.
- 25) Different types of Fabric used for Apparel.
- 26) Characteristics and Uses of Acrylic Fabric.
- 27) Different types of Cotton Fabric Texture.
- 28) Characteristics and uses of Felted Fabric.
- 29) Types of Natural Fabric texture.
- 30) Characteristics and uses of Nylon Fabric.