

Avinashilingam Institute for Home science and Higher education for women, Coimbatore - 641043
Continuous Internal Assessment Test II – April 2025
II Semester

Class: I PG
Major: Textiles and Fashion Apparel

Time: 2 hours
Max. marks: 60

23MTFC07 Knitting Technology

Course Outcome:

- Understand the basic principles and mechanism of knitting production.
- Classify and understand knitted fabric production methods.
- Execute acquired knowledge to identify different knitted structures.
- Compare different warp and weft knitted methods.
- Create new designs for knitted fabrics based on the acquired knowledge.

Part - A

6 x 1 = 6

Choose the Correct Answer

1. The weft knitting structure has two sets of needles knitting in opposite direction is CO3K2
a. Jersey b. Rib c. Interlock d. Purl
2. The primary knitting method used for socks knitting is CO3K3
a. Weft knitting b. warp knitting c. flat knitting d. circular knitting
3. The common feature of flat knitting machines are CO4K2
a. Rotary needles b. Latch needles c. Bearded needles d. Spring needles
4. Thin metal plate placed between two needles is called CO4K3
a. CAM b. Cylinder c. Sinker d. Gauge
5. In weft knitting, the term used for the horizontal row of interconnected loops CO5K2
a. Course b. Wale c. Stitch d. Row
6. Which of the following is commonly used to produce lace & velour fabrics ? CO5K3
a. Raschel b. Tricot c. Jersey d. Interlock

Part - B

3 x 6 = 18

Answer All the Question

Answer should not exceed 400 words or two pages

7. a. Describe the derivatives of plain. **(OR)** CO3K1
b. Explain the derivatives of rib. CO3K4
8. a. Distinguish flat knitting machine from circular knitting Machine. **(OR)** CO4K4
b. Brief on basic principles of socks knitting CO4K6
9. a. Elaborate on warp knitted structures **(OR)** CO4K5
b. Discuss on warp knitting elements CO4K6

Part - C

3 x 12 = 36

Answer All the Question

Answer should not exceed 800 words or four pages

10. a. Describe the derivatives of interlock structure with diagrams **(OR)** CO3K2
b. Elaborate on knitted fabric faults their causes and remedies CO4K5
11. a. Brief on the classification, parts and functions of flat knitting machines **(OR)** CO5K2
b. Enumerate on the basic principles and elements of socks knitting CO4K3
12. a. Compare warp and weft knitting **(OR)** CO4K4
b. Write a note on passage of yarn, parts and functions of raschel knitting machine CO3K2
with a diagram.

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