

**Avinashilingam Institute for Home science and Higher Education for Women,
Coimbatore – 641043
Continuous Internal Assessment I – February 2025
SEMESTER II**

**23MTFI01 – Fundamentals of Textiles
(Interdisciplinary course)**

**Class: I M. Sc., MCA
Major: CA/IDRM/FSN/FSMD/AI/ZOOLOGY**

**Time: 2 hours
Max. Marks: 60**

**Part A
Choose the correct answer**

(6 x 1 = 6)

1. This is the only naturally available mineral source from nature (CO1 K1)
a. Asbestos b. Cotton c. Wool d. Silk
2. This enable in holding the base yarn to fancy yarn (CO1K3)
a. Core yarn b. Binder yarn c. Spun yarn d. Filament yarn
3. Which yarn is made with Z and S combinations together (CO2K3)
a. slub yarns b. chenille yarns c. cord yarns d. ply yarns
4. TPI refers to (CO2K4)
a. turns per inch b. twist per inch c. turns per centimeter d. none.
5. Tenacity means _____ (CO2K2)
a. Strength b. Density c. Elongation d. Color
6. Interlacement of yarns is called _____. (CO3K2)
a. Non-woven b. Knitting c. Binding d. Weaving

Part – B

(3 x 6= 18)

Answer the following.

Answer should not exceed 200 words or one page

7. a. What are the secondary properties of yarns? (CO1 K1)
(Or)
b. Explain yarn twist with illustration. (CO2 K2)
8. a. What are the types of novelty yarns? (CO1 K2)
(Or)
b. Write short notes on animal fibers? (CO2 K2)
9. a. What are Characteristics of woven fabric? (CO1 K3)
(Or)
b. Give the fundamental operation in Weaving. (CO1 K1)

Part – C

(3 x 12 = 36)

Answer the following

Answer should not exceed 700 words or four pages

10. a. Detail on the Classification of fibers. (CO1 K4)
(Or)
b. How will you identify the textile fibers? (CO1 K1)
11. a. Explain yarn count and its types. (CO1 K2)
(Or)
b. Write about Yarn preparation. (CO2 K2)
12. a. Discuss briefly about yarn twist and yarn counts. (CO2 K2)
(Or)
b. Enumerate the types of Weaves and its characteristics (CO2 K2)

**Number of copies:31
Subject incharge: Dr.S.Yamuna Devi**