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Total No. of Pages : 02

Total No. of Questions : 07

B.Sc.(FD)Knits (Sem.-1)
INTRODUCTION TO TEXTILE SCIENCE

Subject Code : B.Sc. FDK-103

M.Code : 72273

Date of Examination : 10-01-23

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTION TO CANDIDATES :

1. **SECTION-A** is **COMPULSORY** consisting of **FIFTEEN** questions carrying **TWO** marks each.
2. **SECTION-B** contains **SIX** questions carrying **TEN** marks each and students have to attempt any **THREE** questions.

SECTION-A

1. Define :

- a) Boucle
- b) Filament
- c) Drawing
- d) Reed
- e) Fibre
- f) What is burning test?
- g) How will you identify silk fibre?
- h) Explain the term 'yarn number'.
- i) Write properties of polyester fibre.
- j) What is a bonded textile?
- k) What is twill weave?

- l) Name fabrics with satin weave.
- m) What are different types of yarn twist?
- n) Draw microscopic structure of wool fibre
- o) Why blending is done?

SECTION-B

- 2. Write properties and end use of nylon.
- 3. Classify yarns.
- 4. Write short notes on the textiles:
 - (a) non-woven
 - (b) tufted.
- 5. Classify man-made fibres.
- 6. Explain major production segments of textile industry.
- 7. Describe production process on a loom with diagram.

NOTE : Disclosure of identity by writing mobile number or making passing request on any page of Answer sheet will lead to UMC against the Student.