

Roll No



**PRESIDENCY UNIVERSITY
BENGALURU**

**SCHOOL OF DESIGN
END TERM EXAMINATION - JAN 2023**

Semester : Semester III - 2021

Course Code : DES1023

Course Name : Sem III - DES1023 - Analysis Of Textile Materials

Program : B. Design - FD

Date : 11-JAN-2023

Time : 9.30AM - 12.30PM

Max Marks : 100

Weightage : 50%

Instructions:

- (i) Read all questions carefully and answer accordingly.
- (ii) Question paper consists of 3 parts.
- (iii) Scientific and non-programmable calculator are permitted.

PART-A

ANSWER ALL THE FOLLOWING QUESTIONS

5QX6M = 30M

1. Define viscose rayon fibre? Mention their properties and end uses.
(CO1) [Knowledge]
2. With a neat flow chart explain carded yarn manufacturing for raw cotton.
(CO2) [Knowledge]
3. Mention the differences between wovens and knits in detail.
(CO3) [Knowledge]
4. Briefly explain about khadi fabric in detail.
(CO3) [Knowledge]
5. Explain the following : a) Georgette and chiffons b) Brocade and damask c) Terry pile structures
(CO4) [Knowledge]

PART-B

ANSWER ALL THE FOLLOWING QUESTIONS

3QX10M = 30M

6. Describe briefly about amorphous and crystalline polymer orientation with a neat diagram.
(CO2) [Comprehension]
7. With a neat diagram briefly explain about weaving, knitting and non woven in detail.
(CO3) [Comprehension]
8. Explain the following : a) Yarn count b) Thread density c) Fabric grain d) Fabric width e) Selvedges
(CO3) [Comprehension]

PART-C

VIVA / JURY

1 X 40M = 40M

9. Present the given topic and defend jury clarifications.
(CO4) [Application]
