



**PRESIDENCY UNIVERSITY
BENGALURU**

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

Semester : Semester III - 2021

Course Code : DES2004

Course Name : Sem III - DES2004 - Basics Of Textile Science

Program : B. Design - FD

Date : 13-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. What are the characteristics of satin/sateen weaves? (CO2) [Knowledge]
2. With an illustration, discuss the differences between odd and even repeat-sized Brighton honeycomb weaves. (CO2) [Knowledge]
3. Explain the features and importance of huck-a-back weaves. (CO2) [Knowledge]
4. Discuss the parameters of achieving variations in the colour and weave effect. (CO3) [Knowledge]
5. Discuss the methods of removal of surplus figuring threads. (CO3) [Knowledge]

PART-B

ANSWER ALL THE FOLLOWING QUESTIONS

3QX10M = 30M

6. Determine suitable move number and develop design, draft and peg plan for 9 end satin. (CO2) [Comprehension]
7. Determine suitable move number and develop design, draft and peg plan for 13 end sateen. (CO2) [Comprehension]
8. Develop design, draft and peg plan for a Brighton honeycomb - 12X12 repeat. (CO2) [Comprehension]

PART-C

VIVA / JURY

1 X 40M = 40M

9. Provide explanation to the jury clarifications for the presented topic. (CO3) [Application]
