

TM241208Z

Reg. No : .....

Name : .....

P.G.DIPLOMA (C.S.S) EXAMINATION, NOVEMBER 2024

2024 ADMISSIONS REGULAR

SEMESTER I - CORE COURSE Fashion Designing

FD1C02TPGD20 - Introduction to Textile Science

Time : 3 Hours

Maximum Weight : 30

**Part A**

**I. Answer any Eight questions. Each question carries 1 weight**

**(8x1=8)**

1. Which Fiber is known as "Queen of Fibers" and State its uses?
2. Define fibre. Write a brief note on the classification of fibres.
3. List out the classification of yarns.
4. Draw a neatly labelled diagram to represent simple and cabled yarns.
5. What are fancy weaves?
6. What is shearing?
7. Write a note on functional finishes? Give examples.
8. List out the classification of dye.
9. Explain the fiber stage dyeing process.
10. List out the artificial dyes.

**Part B**

**II. Answer any Six questions. Each question carries 2 weight**

**(6x2=12)**

11. Write a note on classification of fibers.
12. Differentiate between the warp and weft yarns.
13. Differentiate between satin and sateen weave.
14. Explain Pile weave.
15. Write a short note on Embossing and Moireing.
16. Describe briefly about the finish that helps to restore proper width of fabric.
17. Briefly explain sulphur dyes and vat dyes.
18. Explain sulphur dyes, vat dyes , naphthol dyes.

**Part C**

**III. Answer any Two questions. Each question carries 5 weight**

**(2x5=10)**

19. Write down the properties and uses of Man-made Fibres.
20. What are yarns? Explain a) yarn count b) yarn twist c) yarn classifications.
21. Explain the functional finishes in detail.
22. Define printing.Explain the methods of printing.