

Reg. No. : .....

Name : .....

**Fifth Semester B.Sc. Degree Examination, December 2021.**

**First Degree Programme under CBCSS**

**Home Science**

**Core Course**

**HS 1544 – TEXTILE SCIENCE**

**(2018 & 2019 Admission)**

Time : 3 Hours

Max. Marks : 80

PART – A

Write **one** word answers. **All** questions must be answered. Each question carries **1** mark.

1. List out any four textile fibers.
2. What are natural fibers?
3. Define yarn twist.
4. What are acid dyes?
5. Give the names of basic routine finishes for fabrics..
6. Which fibers are known as cellulosic fibers?
7. Enumerate few printing methods.
8. Define Felting.

9. Illustrate Twill weave.
10. What do you mean by blends?

(10 × 1 = 10 Marks)

PART – B

Write short answer not exceeding **one** paragraph. Answer **any eight** Questions. Each question carries **2** marks.

11. Write a note on sulphur dyes
12. State any four advantage of wool fiber.
13. Describe about Warp Knitting.
14. Point out the properties of felting.
15. List out the characteristics of fibers.
16. Make a note on Bonding.
17. Point out the types of lace.
18. Illustrate any two fancy weaves.
19. List out the properties of Wool.
20. What are synthetic fibers? Give examples.
21. Explain the term "calendaring".
22. Describe about Screen printing.
23. Classify different types of fibers.
24. Give an account of classification of yarns.

25. Define Selvage and thread count.
26. Give an account of natural and artificial dyes.

**(8 × 2 = 16 Marks)**

**PART – C**

Write short essay not exceeding **120** words. Answer **any six** Questions. Each question carries **4** marks.

27. What are the properties and significance of Jute fiber?
28. Define and classify dyes
29. Point out the characteristics of woven fabrics.
30. Explain the procedure of felting.
31. Define bonding and state its properties.
32. Describe about braiding.
33. Write a note on chemical finishes.
34. Describe about parts of the loom.
35. Define finishes and state its purposes.
36. Classify different types of weaves.
37. What are finishes and state its purpose.
38. Explain the uses and types of laces.

**(6 × 4 = 24 Marks)**

#### PART – D

Write an essay not exceeding four pages. Answer **any two** Questions. Each question carries **15** marks.

39. Give the identification, properties and uses of nylon and polyester.
40. Discuss the different methods of printing.
41. Define and classify fibers. Explain the process of making fiber into yarn.
42. Explain the different types of finishes used on fabrics.
43. Explain the properties of silk and state its uses.
44. Explain the process of weaving.

(2 × 15 = 30 Marks)