

TB145575

Reg. No.....

Name.....

**B. Sc. DEGREE (C.B.C.S.S.) EXAMINATION, OCTOBER 2016
FIFTH SEMESTER - CORE COURSE –FAMILY AND COMMUNITY SCIENCE
HSC5TS - TEXTILE SCIENCE**

Time: Three hours

Maximum Marks: 60

Part A

All questions are to be answered.

Each question carries **1 mark**.

1. Comment on Carbonising
2. What do you understand by t.p.i ?
3. What are Chenille yarns ?
4. Explain Warp and Weft yarns?
5. What is Cross dyeing ?

(5×1 = 5 marks)

Part B (Brief answer questions)

Answer any **five** questions.

Each question carries **2 marks**.

6. What is a bicomponent yarn?
7. Write a note on melt spinning.
8. Explain airjet looms?
9. What are the variations of plain weaves?
10. What is the principle behind Batik dyeing?
11. Differentiate Souring and Sizing?
12. Define nano fabrics
13. Comment on Spandex.

(5×2 = 10 marks)

Part C

Answer any **five** questions.

Each question carries **5 marks**.

14. Differentiate Carding and Combing?
15. Write a note on Knitting?
16. Comment on Crepe and Leno fabrics
17. What are the parts of a loom?
18. Define Union and Cross dyeing?

19. Comment on the types of Calendering?

20. What are the functions of Finishes?

21. Significance of medicinal fabrics.

(5×5 = 25 marks)

Part D

Answer any two

Each question carries **10 marks**.

22. What are the differences in the structure and properties of wool and nylon?

23. Explain any five simple weaves?

24. Classify textile fibres. Write the microscopic and burning characteristics of all natural fibres.

25. Define dyeing. Write on the classification of dyes?

(2× 10 = 20 marks)
