

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 manmade fibres.
2. What do you mean by direction of twist?
3. What is the burning property of cellulose fibres?
4. Explain natural dyes?
5. What is a Crepe weave?

(5×1 = 5 marks)

Part B (Brief answer questions)

Answer any **five** questions.

Each question carries **2 marks**.

6. What is wet spinning?
7. Significance of organic cotton.
8. What do you mean by projectile looms?
9. Explain Pile weave?
10. What is the principle behind Screen printing?
11. Explain Crepe and crinkled effect.
12. Write a note on novelty yarn.
13. Comment on ecofriendly fibres.

(5×2 = 10 marks)

Part C

Answer any **five** questions.

Each question carries **5 marks**.

14. What are the types of Chemical Spinning?
15. Differentiate Rib and Satin weaves?
16. Comment on netting and braiding.
17. How are jacquard weaves made?

- 18. Write a note on the methods of resist dyeing?
- 19. Comment on three chemical finishes on cotton
- 20. Write briefly on any 3 ecofriendly fibres
- 21. Classify finishes.

(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 cotton and linen?
- 23. Explain briefly on the loom and its operations .
- 24. Classify textile fibres. Write a note on thermoplastic fibres.
- 25. Explain any four methods of hand printing.

(2× 10 = 20 marks)
