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Reg. No.....

Name.....

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

**Time: Three hours**

**Maximum Marks: 60**

**PART A**

**I. All questions are to be answered. Each question carries 1 mark.**

1. Burning test for Linen Fibre
2. What do you mean by Twist of yarn?
3. What is a Textured yarn?
4. Illustrate Plain weave?
5. What is Resist printing? (5×1= 5)

**PART B**

**(Brief answer questions)**

**II. Answer any five questions. Each question carries 2 marks.**

6. Illustrate and explain the parts of a Novelty yarn?
7. Write a note on Twill weave.
8. What do you understand by Ring spinning?
9. Explain Shuttleless looms?
10. What is Block printing?
11. Differentiate Singeing and Sanforization.
12. Importance of Jute fibre.
13. Significance of Medicinal fabrics? (5×2=10)

**PART C**

**III. Answer any five questions. Each question carries 5 marks.**

14. Compare ring and open end spinning
15. What are the characteristics of woven fabrics?
16. Comment on felting and braiding?
17. Significance and types of natural dyes..
18. Write a note on the weaving operations?
19. Comment on antimicrobial finish?
20. Explain any 3 mechanical finishes.
21. What are Geotextiles?. (5×5=25)

**PART D**

**IV . Answer any two Each question carries 10 marks.**

22. What are the differences in the structure and properties of silk and rayon?
23. Explain any 5 decorative weaves.
24. Classify textile fibres. Write the microscopic and burning characteristics of all natural fibres.
25. Define printing. Explain the various methods of printing.

**(2×10 = 20)**

