

TB145550A

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. Answer all questions. Each question carries 1 mark.

1. Name the protein content of silk.
2. What is melt spinning?
3. Illustrate a ply yarn?
4. What is harness?
5. Explain stock dyeing?
6. What are the burning characteristics of cellulose fibres?
7. Describe Leno weave
8. Explain Sizing in textile industry

(8×1 = 8)

PART B

II. Answer any six questions. Each question carries 2 marks.

9. Explain about ring spinning.
10. Give the classification of yarn based on type.
11. Explain airjet looms.
12. Write short note on felting.
13. Explain discharge printing
14. Explain scouring.
15. Explain spandex
16. Write short note on bamboo fibre.
17. Give the classification of yarn based on twist and number of parts.
18. Explain basic weaves and its derivatives.

(6×2 = 12)

PART C

III. Answer any four questions. Each question carries 4 marks.

19. Explain the parts of a loom and its operations.
20. Briefly discuss characteristics of woven fabrics.
21. Elaborate on different stages of dyeing.
22. Elaborate on calendaring and tentering.
23. Explain stain resistant and antimicrobial finishes.
24. Discuss on medicinal fabrics.

(4×4 = 16)

PART D

IV. Answer any two questions. Each question carries 12 marks.

25. Write on the methods of identifying textile fibres.
26. Give the properties and uses of cotton and wool.
27. Elaborate on any four fancy weaves.
28. Discuss in detail about resist style in dyeing?

(2×12 = 24)