

TB145550E

Reg. No.....

Name.....

B. Sc. DEGREE (C.B.C.S.S.) EXAMINATION, NOVEMBER 2018
(2014 Admission Supplementary)
SEMESTER V - CORE COURSE (HOME SCIENCE)
HSC5TS - TEXTILE SCIENCE

Time: Three Hours

Maximum Marks: 60

PART A

I. Answer all questions. 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?
6. What are Selvedges?
7. How are fabrics made crease resitant?
8. Bamboo fibres

(8×1 = 8)

PART B

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

9. What is the difference between Drawing and Carding?
10. Significance of Organic cotton.
11. What do you mean by Projectile looms?
12. Explain Pile weave?
13. What is the principle behind Screen printing?
14. Explain Crepe and crinkled effect.
15. Write a note on Novelty yarn.
16. Comment on Ecofriendly fibres.
17. How will you identify wool and nylon fibres?
18. Explain Vat and disperse dyes?

(6×2 = 12)

PART C

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

19. What are the types of Chemical Spinning?
20. Differentiate Rib and Satin weaves?
21. Write briefly on any 3 ecofriendly fibres *1A*
22. Classify finishes
23. Write a note on the methods of resist dyeing? *1*
24. Comment on three chemical finishes on cotton *13 14*

(4×4 = 16)

PART D

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

25. What are the differences in the structure and properties of cotton and linen?
26. Explain briefly on the loom and its operations .
27. Classify textile fibres. Write a note on thermoplastic fibres.
28. Explain any four methods of hand printing.

(2×12=24)