

B. SC. DEGREE (C.B.C.S.S) EXAMINATION, OCTOBER 2018
(2016 Admission Regular 2015 Admission Supplementary)
SEMESTER V - CORE COURSE (HOME SCIENCE)
HS5BT07B - TEXTILE SCIENCE

Time : 3 Hours

Maximum Marks : 60

Part A

I. Answer all questions. Each question carries 1 marks **(5x1=5)**

1. Who created the first man made fibre? What was the raw material used?
2. Define a Textile fibre?
3. Explain the difference between a Spot yarn and a Slub yarn?
4. What is Dry Spinning?
5. Explain the method of Discharge Printing?

Part B

II. Answer any Five questions. Each question carries 2 marks **(5x2=10)**

6. Differentiate Nylon and Polyester.
7. Differentiate Silk and Rayon fibres.
8. Draw the structure and explain the use of a Harness and Heddle.
9. Comment on Leno weave
10. How are Synthetic s dyed?
11. What are the various methods of Yarn Dyeing?
12. Are spandex fibres used for Sports wear? Why?
13. Which is the most elastic fibre? Explain where it is used?

Part C

III. Answer any Five questions. Each question carries 5 marks **(5x5=25)**

14. How is Ring Spinning carried out?
15. What are the variations of a Plain weave. Give Illustrations
16. Differentiate Satin and Sateen weaves?
17. Explain Weighting and Sizing?
18. What are Double Cloth and Crepe Weaves?
19. Comment on any four recent trends in textiles
20. What are the categories of Medicinal fibres?
21. Bring out the role of fibres in promoting good health?

Part D

IV. Answer any Two questions. Each question carries 10 marks **(2x10=20)**

22. Classify Textile fibres according to their length and list out any eight properties of textile fibres?
23. Compare and Contrast Silk and Rayon fibres
24. Briefly explain any six decorative weaves?
25. Comment on Fibre, Yarn and Fabric Dyeing.