

**B. SC. DEGREE (C.B.C.S.S) EXAMINATION, JANUARY 2019**  
**(2016 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. What are Bast fibres?
2. Who created the first man made fibre? What was the raw material used?
3. What is Dry Spinning?
4. Explain the functions of a Reed and a Shuttle?
5. Comment on Fabric dyeing, its advantages and disadvantages?

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

6. Comment on the useful by product during the production of Wool?
7. Give the microscopic appearance of Animal fibres.
8. Draw the structure and explain the use of a Harness and Heddle?
9. Draw the structure of a Basic Novelty yarn.
10. What is the significance of Natural dyes?
11. How are Synthetic s dyed?
12. Comment on the Golden Fibre.
13. Are spandex fibres used for Sports wear? Why?

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

14. What are the variations of a Plain weave. Give Illustrations
15. What are non – wovens? Explain any two.
16. Explain Knitting?
17. Explain Weighting and Sizing?
18. Compare Naphthol and Disperse dyes?
19. Write a note on Eco friendly fibres
20. How are Bamboo fibres different from other cellulosic fibres?
21. What are the categories of Medicinal fibres?

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

22. Classify Textile fibres according to their origin.
23. Explain the production and properties of Nylon
24. Explain the process of weaving and the structure of a plain weave
25. Explain the major methods of Printing?