



QP CODE: 25047371



25047371

Reg No :

Name :

M.Sc DEGREE (CSS) EXAMINATION, NOVEMBER 2025

Third Semester

M Sc HOME SCIENCE BRANCH X(D) - FAMILY AND COMMUNITY SCIENCE

Core Course - HS020303 - TEXTILE TESTING AND ECO-FRIENDLY TEXTILES

2019 ADMISSION ONWARDS

F291C7DA

Time: 3 Hours

Weightage: 30

Part A (Short Answer Questions)

*Answer any **eight** questions.*

*Weight **1** each.*

1. Explain cut square method of fibre sampling.
2. Explain indirect system of yarn count.
3. Write on fabric drape.
4. What do you mean by pilling in fabric?
5. What do you mean by bursting strength?
6. Explain the tear strength and mention the designs of test specimen.
7. Give the significance of eco-labels.
8. What do you mean by sensitizing dye stuff?
9. Define functional clothing.
10. What do you mean by camouflage garments?

(8×1=8 weightage)

Part B (Short Essay/Problems)

*Answer any **six** questions.*

*Weight **2** each.*

11. Briefly write on different yarn testing methods?
12. Give the parameters to express degree of maturity in cotton fibre.
13. Explain sinking test for water absorbency.
14. Explain the measurement of colour fastness to rubbing.
15. Discuss about jute fibre.





16. Describe bio-polishing.
17. Give the application of nano-technology in textile industry.
18. Explain Mobitech and Medtech.

(6×2=12 weightage)

Part C (Essay Type Questions)

*Answer any **two** questions.*

Weight 5 each.

19. Explain any one method of measuring fibre length.
20. Explain the measurement of air permeability of a fabric.
21. Discuss in detail about fabric shrinkage.
22. Explain the basic properties of natural dyes.

(2×5=10 weightage)

