

**M.Sc. DEGREE EXAMINATION –  
DECEMBER, 2018.**

**Second Year**

**TEXTILE TESTING AND QUALITY CONTROL**

**Time : 3 hours**

**Maximum marks : 75**

**SECTION A — (5 × 5 = 25 marks)**

**Answer any FIVE questions.**

1. Define : English yarn count.
2. State the uses of testing information.
3. List down the various methods of measuring fibre length.
4. Differentiate : single and bundle fibre strength methods.
5. Differentiate : Breaking and tensile strength.
6. Define : Serviceability and wear durability.
7. What do you mean by FAST system of test?
8. How will you perform vertical flame test?

SECTION B — (5 × 10 = 50 marks)

Answer any FIVE questions.

9. Explain the measurement of humidity and moisture in textile.
  10. Describe the various ISO series related to testing.
  11. Discuss the measurement of yarn twist with neat diagram.
  12. How will you measure the bursting strength of fabric? Explain in detail.
  13. Explain the yarn slippage in woven fabrics at seams test.
  14. Summarize the properties affecting abrasion resistance.
  15. Discuss the structures measurement of fabric drape.
  16. Summarize the safety aspects of textiles.
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