

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)
BSc DEGREE EXAMINATION MAY 2017
(Fourth Semester)

Branch - COSTUME DESIGN & FASHION

TEXTILE TESTING

Time : Three Hours

Maximum : 75 Marks

SECTION-A (20 Marks)

Answer ALL questions

ALL questions carry EQUAL marks (10 x 2 = 20)

- 1 List the qualities that are to be tested in a fiber.
- 2 What do you mean by humidity?
- 3 Define yam count.
- 4 Write about the two types of twist given to a yam.
- 5 Explain the term GSM.
- 6 What is meant by colour fastness?
- 7 Define the term drape.
- 8 Explain the term pilling.
- 9 Define AQL.
- 10 What do you mean by the term quality?

SECTION - B (25 Marks)

Answer ALL Questions

ALL Questions Carry EQUAL Marks (5 x 5 = 25)

- 11 a Describe a fibro graph.
OR
b Explain wet and dry bulb hygrometer.
- 12 a Explain about yam numbering system.
OR
b Illustrate and explain a quadrant scale.
- 13 a How will you measure the shrinkage of a fabric?
OR
b How will you measure the loop length and course length of a knitted fabric?
- 14 a Explain about Tensile strength tester.
OR
b Describe a stiffness tester.
- 15 a What are the quality standards needed for sewing threads and needles?
OR
b Explain in brief about the quality control in cutting, sewing and packing.

SECTION - C (30 Marks)

Answer any THREE Questions

ALL Questions Carry EQUAL Marks (3 x 10 = 30)

- 16 Explain any one method of measuring fiber strength.
- 17 How will you find the twist of a yam using twist tester?
- 18 Discuss in detail about the assessment of colour fastness of a fabric to any two factors.
- 19 Explain about the equipment used to test abrasion of a fabric.
- 20 Discuss about quality control for grey and processed fabric.