

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION MAY 2019
(Fourth Semester)

Branch - COSTUME DESIGN AND 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 Define Moisture Regain.
- 2 What is humidity?
- 3 Define Yarn irregularity.
- 4 Define relationship between Count & Twist.
- 5 What is Course length?
- 6 Define Air Resistance.
- 7 What is fabric pilling?
- 8 Define Fabric drape.
- 9 Define AQL.
- 10 What do you mean by ticket number?

SECTION - B (25 Marks)

Answer **ALL** Questions

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

- 11 a Write short notes on fineness measurement.
OR
b Describe about the working principle of Bear sorter.
- 12 a Write short notes on Yarn strength testing.
OR
b Explain about Yarn hairiness.
- 13 a Write short notes on water permeability.
OR
b Explain briefly about fabric shrinkage measurement.
- 14 a Describe about Fabric stiffness tester.
OR
b Give an account on Crimp tester.
- 15 a Explain about sewing thread quality standard.
OR
b Write a note on quality control in cutting.

SECTION - C (30 Marks)

Answer any **THREE** Questions

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

- 16 Explain about Shirley trash analyzer.
- 17 Write in detail about the Yarn numbering system.
- 18 Describe in detail about testing of Color fastness in knitted fabric.
- 19 Explain briefly about tensile strength tester.
- 20 Explain in detail about Inspection and Quality Control.