

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION MAY 2022
(Fourth Semester)

Branch – COSTUME DESIGN AND FASHION

TEXTILE TESTING

Time: Three Hours

Maximum: 75 Marks

SECTION-A (10 Marks)

Answer ALL questions

ALL questions carry EQUAL marks (10 x 1 = 10)

1. Choose the term which best describes Weight of water in a material expressed as a percentage of oven dry weight
(i) Moisture content (ii) Moisture Regain
(iii) Relative humidity (iv) Absolute humidity
2. Indicate the principle on which Pressley tester a balance type tester works
(i) Weight (ii) Mass
(iii) Moments (iv) a and b
3. Count of yarn is a numerical expression which defines its
(i) Strength (ii) Fineness
(iii) length (iv) Twist
4. Chose the system of yarn numbering of cotton
(i) Direct (ii) Indirect
(iii) Universal (iv) All
5. Identify the instrument used for determining Rubbing fastness
(i) Crockmeter (ii) Perspirometer
(iii) Launderometer (iv) Drapemeter
6. Which of the following is the strength of fabric against a multi directional flow of pressure
(i) Bursting (ii) Tearing
(iii) Tensile (iv) Linear
7. Gracefulness of a fabric is associated with its
(i) Strength (ii) Drape
(iii) Air permeability (iv) Abrasion
8. Resistance of fabric to bending is
(i) Stifness (ii) Drape
(iii) Strength (iv) Abrasion
9. Inspection of Size measurement is
(i) Raw material inspection (ii) Final inspection
(iii) In process inspection (iv) Spreading inspection
10. Frayed edges are due to faults in
(i) spreading (ii) cutting
(iii) sewing (iv) pressing

Cont...

SECTION - B (35 Marks)

Answer ALL Questions

ALL Questions Carry EQUAL Marks (5 x 7 = 35)

- 11 a Discuss about selection of samples for testing.
OR
b Narrate about fiber maturity and its importance.
- 12 a How is yarn evenness determined?
OR
b Enumerate on yarn numbering system.
- 13 a What is colour fastness? What are the different colour fastness tests to which a fabric is subjected?
OR
b Explain the following terms i) GSM ii) Loop length and iii) Air Permeability.
- 14 a How is pilling of a fabric assessed?
OR
b Describe the method of testing crease recovery of a fabric.
- 15 a Write a brief note on accessories inspection
OR
b Describe the quality standards for sewing threads and needles

SECTION - C (30 Marks)

Answer any THREE Questions.

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

- 16 Discuss the method of measuring fibre length .
- 17 Explain the principle and working of a lea strength tester.
- 18 Highlight the bursting strength testing of a fabric.
- 19 Summarise the procedure for determining tensile strength of a fabric.
- 20 Elucidate about the quality control in cutting, sewing and packing.

Z-Z-Z

END