

PSG COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)

BSc DEGREE EXAMINATION MAY 2024  
(Fourth Semester)

Branch – COSTUME DESIGN AND FASHION

**TEXTILE TESTING AND STANDARDS/ TEXTILE TESTING**

Time: Three Hours

Maximum: 50 Marks

**SECTION-A (5 Marks)**

Answer ALL questions

ALL questions carry EQUAL marks (5 x 1 = 5)

- 1 \_\_\_\_\_ is the totality of features to fulfil the customers need.  
(i) Quality Assurance (ii) Quality Control  
(iii) Quality (iv) Quality Level
- 2 Beesley Balance is used to determine \_\_\_\_\_.  
(i) Strength (ii) Count  
(iii) Fineness (iv) Thickness
- 3 Colourfastness towards abrasion and rub process is \_\_\_\_\_.  
(i) Laundering (ii) Crocking  
(iii) Pressing (iv) Heat setting
- 4 Bursting Strength test is applicable for the \_\_\_\_\_ Fabrics.  
(i) Knitted (ii) Woven  
(iii) Lace (iv) Satin
- 5 Checking up the garment is known as \_\_\_\_\_.  
(i) Testing (ii) Research  
(iii) Inspection (iv) Process

**SECTION - B (15 Marks)**

Answer ALL Questions

ALL Questions Carry EQUAL Marks (5 x 3 = 15)

- 6 a Summarise towards the textile Testing and quality parameters.  
OR  
b Infer the Fibre trash using Shirley Trash Analyser in detail.
- 7 a Make an outline of Yarn testing and the yarn count parameters.  
OR  
b Narrate about the Classifications of Yarn faults on Uster Classimat quantum.
- 8 a Write short notes on Colourfastness of knitted fabrics in detail.  
OR  
b Elaborate the working principle of bursting strength tester in detail.
- 9 a Summarize the working procedure of crimp tester.  
OR  
b List out the importance of Drape of the woven fabric.
- 10 a Make few points about Garment Quality tests.  
OR  
b Define Inspection and make clear notes on Acceptable Quality level.

Cont...

**SECTION -C (30 Marks)**

Answer **ALL** questions

**ALL** questions carry **EQUAL** Marks

(5 x 6 = 30)

- 11 a Explain the Atmospheric conditions and relative humidity with moisture content and regain implications.

OR

- b Explain in detail about the Textile Testing and Quality Standards in detail.

- 12 a Demonstrate the yarn numbering system in detail.

OR

- b Elaborate the fibre influencing properties of yarn quality with the applications of yarn modulus.

- 13 a Elaborate about the Knitted fabric specifications.

OR

- b Discuss about Air and Water Permeability in detail.

- 14 a Describe the working procedure of tensile strength tester.

OR

- b Write short notes on Pilling and its mechanism.

- 15 a Make a short note on Quality standards for Sewing threads and Needles.

OR

- b Describe the types of Inspection in brief.

Z-Z-Z

END