

<b>S-5255</b>
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<b>Sub. Code</b>
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<b>22BFC5C1</b>
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**B.Sc. DEGREE EXAMINATION, NOVEMBER 2024**

**Fifth Semester**

**Fashion Technology and Costume Designing**

**TEXTILE TESTING**

**(CBCS – 2022 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. Explain, the term 'standard regain'.
2. What is the principle of a wet and dry bulb hygrometer?
3. What is the principle behind the Baer sorter used for fiber length measurement?
4. What does a Stelometer measure in fiber testing?
5. What is the principle of the Beesley balance in determining yarn count?
6. What is the function of the Shirley crimp tester?
7. What is abrasion, and why is it important in fabric testing?
8. Define tearing strength in the context of fabric testing.

9. What is the significance of thermal conductivity in fabrics?
10. What is crease recovery, and how is it measured?

**Part B**

(5 × 5 = 25)

Answer **all** questions choosing either (a) or (b).

11. (a) Describe the standard testing atmosphere and its importance in textile testing.

Or

- (b) Discuss the influence of humidity on the properties of natural fibers.

12. (a) Describe the working principle of a Micronaire instrument and its application in determining fiber fineness.

Or

- (b) Discuss the method of trash content determination using a trash analyzer.

13. (a) Explain the process of determining yarn count using the quadrant method.

Or

- (b) Describe how the direction and amount of twist in yarn affect its properties.

14. (a) Explain how the Martindale pill box tester is used to assess fabric pilling.

Or

- (b) Describe the process of determining tearing strength in a fabric sample.

15. (a) Explain the significance of water absorbency and water repellency tests in fabric performance.

Or

- (b) Describe the process of measuring fabric stiffness using the Shirley stiffness tester.

**Part C**

(3 × 10 = 30)

Answer any **three** questions.

16. Describe in detail the methods used for measuring atmospheric conditions and their significance in the textile industry.
17. Compare and contrast the Baer sorter and fibrograph in measuring fiber length. Discuss the advantages and limitations of each method.
18. Discuss the significance of twist, strength, crimp, and hairiness in yarn quality. How do these parameters impact the performance of the final textile product?
19. Compare and contrast tensile strength and bursting strength tests. Discuss their significance in evaluating fabric performance.
20. Explain the method used to evaluate fabric drape. Discuss their impact on the end-use of the fabric.
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<b>22BFC5C2</b>
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**B.Sc. DEGREE EXAMINATION, NOVEMBER 2024**

**Fifth Semester**

**Fashion Technology and Costume Designing**

**HOME TEXTILES**

**(CBCS – 2022 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. Define home textiles.
2. Name the cities known for production of home textiles.
3. What is resilient floor covering?
4. Define wall covering.
5. List the parts of a window.
6. What are the materials used for making curtains?
7. What is meant by upholstery?
8. Describe mattress covers and their importance.
9. What are mittens?
10. Brief on cutlery holder.

**Part B**

(5 × 5 = 25)

Answer **all** questions choosing either (a) or (b).

11. (a) What are the recent trends in home textiles?

Or

- (b) Discuss the importance of home textiles in interior decoration.

12. (a) Explain the types of hard floor coverings.

Or

- (b) Discuss the uses of soft floor coverings.

13. (a) Explain the types of draperies used in homes.

Or

- (b) Differentiate between curtains and draperies.

14. (a) Write about the types of cushions and cushion covers and their uses?

Or

- (b) Discuss the types and uses of sofa covers.

15. (a) Explain the types and uses of kitchen towels.

Or

- (b) Discuss the role of dining table linens in table settings.

**Part C**

(3 × 10 = 30)

Answer any **three** questions.

16. Discuss in detail the factors influencing the selection of home textiles and how they impact interior design.
  17. Discuss the materials, types, and maintenance techniques of wall coverings in detail.
  18. Analyze the significance of accessories like rods, rails, and tapes in window treatments.
  19. Discuss the various types of bed linens, their uses, and maintenance in detail.
  20. Discuss the importance of bathroom linens in home textiles, focusing on types, uses, and maintenance.
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**S-5257**

**Sub. Code**

**22BFC5C3**

**B.Sc. DEGREE EXAMINATION, NOVEMBER 2024**

**Fifth Semester**

**Fashion Technology and Costume Designing**

**TEXTILE CARE AND MAINTENANCE**

**(CBCS – 2022 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. Define fabric laundering and state its importance.
2. What are soap-less detergents?
3. State the purpose of laundry blues
4. List the other stiffening agents.
5. What are the points to consider before washing clothes?
6. What is the significance of ironing in textile care?
7. How should plastics be laundered?
8. Describe “waterproof coat” and its laundry care.
9. Mention two benefits of dry cleaning.
10. Illustrate the symbol used to indicate dry cleaning and drying in a care label.

**Part B**

(5 × 5 = 25)

Answer **all** questions choosing either (a) or (b).

11. (a) Describe the composition and preparation of laundry soaps.

Or

- (b) Explain about the various types of soaps.

12. (a) What is the difference between cold water starch and hot water starch?

Or

- (b) Compare and contrast various types of stiffening agents.

13. (a) Explain the steps involved in setting up a washing cycle in a machine.

Or

- (b) Describe the process of ironing different types of fabrics.

14. (a) How does laundering differ for woolens compared to cotton?

Or

- (b) What are the methods for laundering nylon?

15. (a) Explain the different methods of storing clothes and their importance.

Or

- (b) Explain the various types of care labels and their importance.



**Part C**

(3 × 10 = 30)

Answer any **three** questions.

16. Explain in detail about detergent manufacture.
  17. Describe the importance of stain removal in fabric care and common methods of removing stains.
  18. Describe the operation and features of various washing machines, including semi-automatic, fully automatic, top-loading, and front-loading machines.
  19. Discuss the methods of laundering special fabrics like silk and lace, focusing on their unique care requirements.
  20. Discuss the International Care Labelling System in detail, explaining the significance of each type of label in fabric maintenance.
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**S-5258**

**Sub. Code**

**22BFC5C4**

**B.Sc. DEGREE EXAMINATION, NOVEMBER 2024**

**First Semester**

**Fashion Technology and Costume Designing**

**VISUAL MERCHANDISING**

**(CBCS – 2022 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. What are the key principles of effective visual merchandising?
2. What is visual merchandising?
3. What are the essential elements of an eye-catching window display?
4. What is a display case?
5. Mention any two rules of the circulation plan.
6. What is meant by race track?
7. What is the store interior?
8. Mention the different types of lighting.
9. List the visual merchandising tool kit used by a visual merchandiser.
10. Define Institutional display.

**Part B**

(5 × 5 = 25)

Answer **all** questions choosing either (a) or (b).

11. (a) Give an account on Visual merchandising basics.

Or

- (b) Give a brief note on VM in India Retail market.

12. (a) Mention the purpose of the Shelving unit.

Or

- (b) Justify why store planning is very important in-store design.

13. (a) Classify the different types of hanging hangers used in a retail store.

Or

- (b) How can a spine circulation plan enhance the shopping experience in a fashion store?

14. (a) Differentiate store exterior and store interior.

Or

- (b) Mention the elementary of display.

15. (a) Write about the qualities required for a visual merchandiser.

Or

- (b) Give an account on Window display and list the types of window display and display settings.

**Part C**

(3 × 10 = 30)

Answer any **three** questions.

16. How does effective visual merchandising impact sales and customer experience in a retail store?
  17. Describe in detail the different types of fixtures.
  18. How can circulation plans be adapted for different retail environments, such as pop-up shops, department stores, and online-to-offline retail spaces?
  19. Illustrate the store interior of any store and mention the different merchandising techniques, principles of design, and Elements of design.
  20. Comprehend the types of display in visual merchandising.
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