

**R0580**

**Sub. Code**

**453T08**

**M.A. DEGREE EXAMINATION,  
NOVEMBER – 2023**

**Ninth Semester**

**Home Science (Specialization – II : Textile and Clothing)**

**TEXTILE TESTING AND QUALITY CONTROL**

**(CBCS – 2019 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 =20)

Answer **all** questions.

1. Give the objectives of quality control in the garment industry.
2. List any four testing equipment used in knitting.
3. What do you understand about the yarn appearance test?
4. Define Yarn Numbering.
5. State the importance of crease recovery.
6. Write the formula to calculate drape co-efficient.
7. What are the three types of fabric testing?
8. Why do we test fabric quality?
9. List the seam defects.
10. Mention the cutting defects.

**Part B**

(5 × 5 = 25)

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

11. (a) How to analyze fibre fineness?

Or

- (b) Discuss the method to assess the fibre blends.

12. (a) Discuss the direct yarn numbering system.

Or

- (b) Explain the procedure used to assess the crimp property of yarn.

13. (a) Mention the test method followed for the crease recovery test.

Or

- (b) Elaborate on the method to test the water permeability.

14. (a) Describe the procedure to assess the colour fastness property to washing.

Or

- (b) Explain the procedure to assess the colour fastness property to shrinkage.

15. (a) Discuss the method mainly used to test in the sewing department.

Or

- (b) Mention the significance of in-line inspection.

**Part C**

(3 × 10 = 30)

Answer any **three** questions.

16. Elaborate on the routine test performed in the textile industries.
  17. Describe the test procedure for testing the single yarn strength tester.
  18. Attribute the measuring technique for the bursting strength tester.
  19. What is known as FAST? Describe the testing procedures in FAST.
  20. Elaborate on the different care labelling systems and their importance.
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**R0581**

**Sub. Code**

**453T09**

**M.A. DEGREE EXAMINATION, NOVEMBER – 2023**

**Nineth Semester**

**Home Science (Specialization – II:) Textile and  
Clothing**

**RESEARCH METHODOLOGY AND STATISTICAL  
ANALYSIS**

**(CBCS – 2019 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

**(10 × 2 = 20)**

Answer **all** questions.

1. List the different types of research.
2. State the meaning of research.
3. Define Median.
4. Write the advantages of analyzing standard deviation.
5. Mention the different types used to study correlation.
6. Define: Data Analysis.
7. Write the meaning of the hypothesis.
8. What are footnotes?
9. What do you understand by bibliography?
10. How do you indicate an appendix in a research paper?

**Part B**

(5 × 5 = 25)

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

11. (a) Differentiate applied research with experimental research.

Or

- (b) Elaborate on various tools used for research.

12. (a) The following data is related to garment exports in India from 2015 to 2020.

Year	2015	2016	2017	2018	2019	2020
Export in million pieces	170	180	310	192	215	160

Calculate the mean exports for the above period.

Or

- (b) Write short notes on the measure of dispersion.

13. (a) Write short notes on alternative hypotheses.

Or

- (b) What do you understand by Type – I error?

14. (a) Indicate the cluster sampling techniques.

Or

- (b) Explain the presentation of data in tables.

15. (a) Write short notes on the chi-square test for goodness of fit.

Or

- (b) Indicate the role of computers in research.

**Part C**

(3 × 10 = 30)

Answer any **three** questions.

16. Explain the various points to be considered while selecting a research problem.
17. Elaborate on the importance of standard deviation and its merits.
18. Write the significance of the regression equation and its uses.
19. Explain any three types of sampling techniques used.
20. Discuss the different stages in the preparation of the research report.

**R0582**

**Sub. Code**

**453EC5**

**M.A. DEGREE EXAMINATION, NOVEMBER – 2023**

**Ninth Semester**

**Home Science (Specialization II : Textile and Clothing)**

**Elective : FABRIC SOURCING**

**(CBCS – 2019 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. Who is a vendor?
2. State the importance of fabric sourcing.
3. List overseas locations for fabric sourcing.
4. List four factors to be considered while sourcing from overseas.
5. What is time calendar?
6. Explain the term lead time.
7. Mention the licence's required for importing fabrics.
8. What do you mean by importing?
9. What is meant by Logistics?
10. Explain the term Inventory.

**Part B**

(5 × 5 = 25)

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

11. (a) Describe about the basic knowledge required for fabric sourcing.

Or

- (b) Discuss about the fundamentals of fabric sourcing.

12. (a) Brief on the end use of different fabrics produced in India.

Or

- (b) Discuss about sourcing from nominated vendors overseas.

13. (a) Write about Just in time sourcing.

Or

- (b) Discuss about lead time calculation for fabric sourcing.

14. (a) Discuss about transportation for import of fabrics.

Or

- (b) Write about clearing and forwarding procedures while importing fabrics.

15. (a) Write about stock plans and issuing materials to operations.

Or

- (b) Brief on internal and external transportation.



**Part C**

(3 × 10 = 30)

Answer any **three** questions.

16. Discuss about vendor analysis and development.
  17. Outline the factors to be considered while sourcing from domestic suppliers.
  18. Discuss the advantages and disadvantages of import and domestic sourcing.
  19. Explain in detail about documentation for importing fabrics from global sources.
  20. Explain about supply chain management in a garment industry.
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