

**R7204**

**Sub. Code**

**453F11**

**M.A. Home Science (Specialization-II : Fashion  
Technology and Garment Construction) DEGREE  
EXAMINATION, NOVEMBER – 2022.**

**Ninth Semester**

**Home Science (Specialization-II : Fashion Technology  
and Garment Construction)**

**CARE FOR TEXTILE AND CLOTHING**

**(CBCS – 2018 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. Describe the types of Water.
2. Define hardness of water.
3. What is kneading and squeezing?
4. Define darning.
5. Define drycleaning.
6. Brief on the types of washing machines.
7. Differentiate ironing from pressing.
8. What is permanent pressing?
9. What is a stain?
10. Why is friction necessary in laundering?

**Part B**

(5 × 5 = 25)

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

11. (a) Brief on the properties of Detergents.

Or

- (b) Explain the process of purifying water.

12. (a) Describe the laundering process of woolen fabrics highlighting the care to be taken.

Or

- (b) Discuss about storage of clothes.

13. (a) Describe the sequence of process followed in dry cleaning.

Or

- (b) Discuss about the chemicals used in drycleaning.

14. (a) Explain Hot air pressing.

Or

- (b) Explain the working principle of a tumble drier.

15. (a) Discuss about the methods of finishing fabrics.

Or

- (b) How are fabrics washed using suction washing?

**Part C**

(3 × 10 = 30)

Answer any **three** questions.

16. How are laundry soaps manufactured?  
17. Elaborate on the methods of laundering.

18. Describe the working principle of a washing machine.
  19. Explain the working principle of a steam iron.
  20. Explain about care labels.
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**R7205**

**Sub. Code**

**453F12**

**M.A. DEGREE EXAMINATION, NOVEMBER – 2022**

**Ninth Semester**

**Home Science**

**(Specialization – II: Fashion Technology and  
Garment Construction)**

**TEXTILE TESTING AND QUALITY CONTROL**

**(CBCS – 2018 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. State the importance of fiber Length.
2. Define fiber fineness.
3. Define Twist.
4. What do you mean by crimp?
5. What is pilling?
6. Describe drape co- efficient.
7. Expand FAST.
8. Define colourfastness.
9. State the importance of care labels.
10. List the sewing defects.

**Part B**

(5 × 5 = 25)

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

11. (a) Discuss about the routine tests performed in the textile industry.

Or

- (b) How will you analyze the maturity of a fiber?

12. (a) Describe the yarn numbering systems.

Or

- (b) How will you determine the strength of a single yarn?

13. (a) Describe the Elemendorf tearing strength tester.

Or

- (b) How will you test the bending length of fabric?

14. (a) State the influence of moisture on fabric properties.

Or

- (b) How will you assess the shrinkage of a fabric?

15. (a) Write a note on spec sheet analysis.

Or

- (b) Discuss about quality tests during cutting and finishing.

**Part C**

(3 × 10 = 30)

Answer any **three** questions.

16. Describe the principle and working of a trash analyzer.
17. Discuss about the standards and specifications used in textile industries.

18. How will you analyse the Abrasion resistance of a fabric?
  19. Explain the Kawabata evaluation system.
  20. Discuss about the inspection procedures.
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**R7206**

**Sub. Code**

**453F13**

**M.A. Home Science (Specialization - II : Fashion Tech. &  
Garment Construction) DEGREE EXAMINATION,  
NOVEMBER – 2022**

**Ninth Semester**

**RESEARCH METHODOLOGY**

**(CBCS – 2018 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. What is Research?
2. List the tools for Research.
3. Define Mean.
4. What is Dispersion?
5. What is Hypothesis?
6. State the uses of rank correlation.
7. What do you understand by Quota sampling?
8. Foot notes-Explain.
9. What do you mean by Appendices?
10. What is Duncan's Table?

**Part B**

(5 × 5 = 25)

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

11. (a) Quote examples and explain Experimental and Descriptive Research.

Or

- (b) Describe the techniques involved in identifying a research problem.

12. (a) What is Median? State their uses with examples.

Or

- (b) Brief on Quartile Deviation and its advantages.

13. (a) Describe the basic concepts concerning Testing of hypothesis.

Or

- (b) Explain Regression. Also state its advantages.

14. (a) Write short notes on types of Probability with examples.

Or

- (b) Explain Qualitative and quantitative ways of data analysis.

15. (a) Discuss the application of computers in Textile research.

Or

- (b) Describe the general features of chi square test.



**Part C**

(3 × 10 = 30)

Answer any **three** questions.

16. Develop a research proposal to be submitted to an agency.
  17. State the uses of Standard deviation. Also discuss its advantages and disadvantages.
  18. Discuss about the methods used to study correlation.
  19. Explain about graphs as a way of presenting data.
  20. Discuss about writing a Research report.
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**R7207**

**Sub. Code**

**453EC4**

**M.A. DEGREE EXAMINATION, NOVEMBER – 2022**

**Ninth Semester**

**Home Science**

**Spl-I: Nutrition and Dietetics / Spl-II: Fashion Tech and  
garment construction**

**POLICIES AND PROGRAMMES FOR WOMEN**

**(Common for M.A. Home Science (spl in Nutrition and  
dietetics)/spl in fashion tech and garment construction)**

**(CBCS – 2018 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

**(10 × 2 = 20)**

Answer **all** the questions.

1. Define the term 'MGNREGS'.
2. What is SGSY-define it?
3. List out the social welfare schemes for girl children.
4. Label the objectives of social welfare department.
5. Coin the term "Sanitation".
6. Define the word "Energy".
7. List out the state social welfare schemes.
8. What is called as "Assistance"?

9. What is known as "NSAP"?
10. Write the role of "AWC" in ICDS.

**Part B**

(5 × 5 = 25)

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

11. (a) Explain the "SGSY" programme.

Or

- (b) Brief out the "PMRY" schemes.

12. (a) Write a short notes on "cradle baby scheme"

Or

- (b) Explain the marriage assistance scheme under social welfare schemes.

13. (a) Describe the special programmes for education.

Or

- (b) Brief out the importance of sanitation.

14. (a) Explain the disability pension schemes.

Or

- (b) Discuss the national old age pension scheme.

15. (a) Discuss the services under ICDS.

Or

- (b) Explain the beneficiaries of school noon-meal programme.

**Part C**

(3 × 10 = 30)

Answer any **three** questions.

16. Discuss in detail about Mahalir thittam.
  17. Write in detail about district disable rehabilitation centre.
  18. Discuss about the special programmes for women's health.
  19. Explain the national social assistance programme.
  20. Explain the importance of noon-meal programme on health and educational development.
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