



**MACHAKOS UNIVERSITY**  
University Examinations 2021/2022 Academic Year  
**SCHOOL OF HUMANITIES AND SOCIAL SCIENCES**  
**DEPARTMENT OF FASHION DESIGN AND MARKETING**  
**FIRST YEAR FIRST SEMESTER EXAMINATION FOR**  
**BACHELOR OF SCIENCE (FASHION DESIGN AND MARKETING)**  
**HFM 102: INTRODUCTIONS TO APPAREL CONSTRUCTION**

**DATE: 27/1/2022**

**TIME: 8.30-10.30 AM**

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**INSTRUCTIONS**

This paper consists of **FIVE** questions.

Answer **Question 1** and any other **TWO** questions in Section B

Question 1 carries 20 marks

Question 2-5 carry 15 marks each

**SECTION A**

**QUESTION ONE (COMPULSORY) (20 MARKS)**

- a) State three reasons why seam finishes are necessary in garment construction. (3 marks)
- b) Explore three (3) factors to consider when selecting fasteners for a garment (3 marks)
  
- c) With the aid of diagrams, differentiate gathering and shirring. (4 marks)
- d) State four (4) uses of tucks on a garment. (4 marks)
- e) Determine six (6) major steps carried out before actual stitching on a sewing machine. (6 marks)

**QUESTION TWO (15 MARKS)**

In order to stitch accurately on a sewing machine, it is crucial to know its various parts. Elaborate to a new student, the function of fifteen (15) parts of a sewing machine.

**QUESTION THREE (15 MARKS)**

With the aid of illustration, explain any five (5) methods used to neaten open seams in garment construction.

**QUESTION FOUR (20 MARKS)**

Using illustration, explain how to bind an edge.

**QUESTION FIVE (20 MARKS)**

Using clear diagrams to illustrate, describe how to work the French seam on a garment.