



MACHAKOS UNIVERSITY COLLEGE

(A Constituent College of Kenyatta University)

University Examinations 2015/2016

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF FASHION DESIGN AND MARKETING

SECOND SEMESTER EXAMINATION FOR DIPLOMA IN FASHION DESIGN AND
MARKETING

HFD 201: PATTERN GRADING

Date: 5/8/2016

Time: 2 hours

INSTRUCTIONS:

- *This paper consists of FIVE questions.*
- *Answer question one and other two questions in this paper.*

1. a) Define the following terms as applied in pattern grading.
- i) Grading Increment (1 mark)
- ii) Sectional Increment (1 mark)
- b) Identify two types of increments made during pattern grading, giving an example in each case. (4 marks)
- c) Describe the mark and cut method of grading. (4 marks)
- d) Explain the four steps followed in establishing a grade rule library. (4 marks)
- e) Discuss the four steps followed to level the following size intervals.
- | | | | | | | |
|-------|------|------|----|------|------|-----------|
| Size | 10 | 12 | 14 | 16 | 18 | |
| Chest | 31.2 | 32.6 | 34 | 35.8 | 37.6 | (2 marks) |
- f) Explain two methods of recording growth in patterns. (2 marks)
- g) Identify the length and girth related measurements used in grading of the bodice block. (2 marks)

2. Using the front bodice provided and the given instructions grade the front pattern two sizes up using the nest method of grading. Show all the construction axis. (10 marks)

1,2,3	0.45 horizontal
4	0.3 cm vertical
5	0.5 cm vert, 0.2 cm hor
6	0.5 cm vert, 0.8 cm hor
7	0.3 cm vert, 0.1 cm hor
8	0.1 cm vert, 0.8 cm hor
9,10	1.2 cm vert

3. a) Define the term laveling as applied in pattern grading. (2 marks)
- b) Explain in details how the three principles of grading help in development of pattern grades(13 marks)
4. Describe the two devices used in computer pattern grading. (15 marks)
5. Using the back skirt provided. Grade one size up and one size down show all the construction axis. (15 marks)



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SECOND SEMESTER EXAMINATION FOR DIPLOMA IN FASHION DESIGN AND
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HFD 202: PRINCIPLES OF CLOTHING CONSTRUCTION

Date: 9/8/2016

Time: 2 HOURS

INSTRUCTIONS:

- *This paper consists of FIVE questions.*
- *Answer question one and other two questions in this paper.*

1. a) Give two factors to consider when laying out patterns on the fabric. (2 marks)
b) Outline three features provided inside a commercial pattern envelop. (3 marks)
c) Describe three factors that determine the good fit of a garment. (3 marks)
d) Explain three qualities of a well made sleeve. (3 marks)
e) Describe three pressing equipment used in clothing construction. (3 marks)
f) Explain the procedure of realigning fabric grain. (3 marks)
g) Cite one functions of each of the following support fabrics.
 - i) Lining (1 mark)
 - ii) Interfacing (1 mark)
 - iii) Underlining (1 mark)
2. a) Explain the following machine parts.
 - i) Tension disc (1 mark)

- ii) Feed dog (1 mark)
 - iii) Balance wheel (1 mark)
 - iv) Presser foot (1 mark)
 - v) Presser foot lever (1 mark)
- b) Using illustration, explain how to construct an in seam pocket. (10 marks)
3. a) Describe using illustrations, five methods of neatening an open seam. (5 marks)
- b) Using illustrations, explain how to insert a concealed zipper into a seam. (10 marks)
4. a) Explain by using illustrations, the procedure of constructing a short collar with a separate stand. (5 marks)
- b) Using illustrations, describe the procedure of joining a crossway strip. (10 marks)
5. a) With the aid of diagrams, draw the front bodice block and indicate five final pattern instructions. (5 marks)
- b) Explain in details five methods of controlling fullness on a child's dress. (10 marks)