



MACHAKOS UNIVERSITY

University Examinations 2018/2019

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF FASHION DESIGN AND MARKETING

FIRST YEAR FIRST SEMESTER EXAMINATION FOR

DIPLOMA IN FASHION DESIGN AND GARMENT MAKING

2803/103/FDS: DESIGN AND SKETCHING

DATE: 15/4/2019

TIME:8:30 – 11:30 AM

INSTRUCTIONS TO CANDIDATES

Answer Any Five Questions

1. a) Define the following terms as used in fashion and design.
 - i) Style (2 marks)
 - ii) Designer (2 marks)
 - iii) Shillolute (2 marks)
 - iv) Accessories (2 marks)
 - v) fashion (2 marks)
- b) Sketch the six head woman figure (10 marks)
2. a) Explain five reasons for wearing clothes (10 marks)
- b) Sketch the following types of necklines
 - i) Keyhole neckline (2 marks)
 - ii) Round neckline (2 marks)
 - iii) Sweetheart neckline (2 marks)
 - iv) Square neckline (2 marks)
 - v) V-neckline (2 marks)

3. a) Sketch a ladies dress to show the following details (10 marks)
- i) Horizontal lines
 - ii) Garthers
 - iii) Long sleeve
 - iv) Buttons and button hole
 - v) Round neckline
- b) With the aid of illustrations explain five types of pleats (10 marks)
4. a) Highlight five tools used in Design and sketching (10 marks)
- b) With the aid of Diagrams illustrate the following types of sleeves.
- i) Bishop sleeve (2 marks)
 - ii) Cap sleeve (2 marks)
 - iii) Puff sleeve (2 marks)
 - iv) Flared sleeve (2 marks)
 - vi) Lantern sleeve (2 marks)
5. a) Sketch a childs dress to illustrate the following details (10 marks)
- i) Garthers
 - ii) Horizontal lines
 - iii) Short sleeves
 - iv) Tie strings
 - v) Button and button holes
- b) Sketch the front and back views of a garments to show the decorative use of a checked fabric (10 marks)
6. a) With the aid of illustrations distinguish between high and low waist. (6 marks)
- b) Discuss four factors that influence the choice of garments to be worn (10 marks)
- c) Illustrate the following types of skirts
- i) Trumpet skirt (2 marks)
 - ii) Pencil skirt (2 marks)



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2803/02/TS: TEXTILE SCIENCE

DATE: 15/4/2019

TIME: 2:30 – 5:30 AM

INSTRUCTIONS TO CANDIDATES

Answer Any Five Questions

1. a) Define the following terms
 - i) Filament yarn (2 marks)
 - ii) Staple yarn (2 marks)
 - iii) Degumming (2 marks)
 - iv) Retting (2 marks)
 - v) Weighting (2 marks)
- b) Using a well labelled chart, categorise, synthetic fibres citing two examples in each case (5marks)
2. a) Explain four types of retting in linen production (8 marks)
- b) Highlight four objectives of bleaching (4 marks)
- c) Outline three methods of identifying wool (3 marks)
3. a) With the aid of a diagrams, describe the microscopic appearance of linen fibres. (7 marks)
- b) Describe four methods of fabric construction (8 marks)
4. a) Highlight the procedure of cleaning a white table linen (5 marks)
- b) Explain the production process of silk fibre (10 marks)

5. a) Differentiate between line yarn and tow yarn in linen production (6 marks)
- b) Highlight eight fabrics made from linen fibre (4 marks)
- c) Explain the felting process of wool (3 marks)
6. a) With the aid of diagrams distinguish between woollen yarn and worsted yarn (8 marks)
- b) Outline seven qualities of cotton fibres (7 marks)



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2803/PCT: PATTERN CONSTRUCTION THEORY

DATE: 18/4/2019

TIME: 2:30 – 5:30 AM

INSTRUCTIONS TO CANDIDATES

Attempt all questions

1. Using the measurements provided, draft the basic skirt block size 12 (30 marks)
Measurements
Waist 68cm
Hips 94cm
Waist to hips 20.6cm
Skirt length 68cm
2. Using the drafted skirt blocks in question one above develops the final patterns of the sketched design (30 marks)
3. a) With the aid of diagrams explain the meaning of the following pattern marks
 - i) Straight grain line (2 marks)
 - ii) Lay on the fold (2 marks)
 - iii) Notches/balance marks (2 marks)
 - iv) Darts (2 marks)
 - vi) Pleats (2 marks)
 - vii) Centre fold line (2 marks)
- b) Define the pattern alteration (2 marks)
- c) With the help of diagrams explain the procedure of altering a sleeve pattern to enlarge it (13 marks)
- d) With the help of diagrams explain the procedure of reducing a skirt to a smaller size (13 marks)