

1801/202

GARMENT CUTTING AND MAKING THEORY,  
PATTERN DRAFTING II AND GRADING

June/July 2021

Time: 4 hours



THE KENYA NATIONAL EXAMINATIONS COUNCIL  
CRAFT CERTIFICATE IN FASHION DESIGN AND GARMENT MAKING  
TECHNOLOGY

MODULE II

GARMENT CUTTING AND MAKING THEORY, PATTERN DRAFTING II AND GRADING

4 hours

INSTRUCTIONS TO CANDIDATES

*You should have the following for this examination:*

- (i)  $\frac{1}{4}$  scale ruler/square;
- (ii) eraser and pencil sharpener;
- (iii) 2H and HB pencils;
- (iv) 30 cm ruler and paper pins;
- (v) French curves;
- (vi) sheets of white photocopying paper (size A4);
- (vii) a pair of paper scissors;
- (viii) glue/sellotape;
- (ix) tracing wheel/ a pair of compasses;
- (x) tracing paper;
- (xi) calculator.

*This paper consists of **THREE** Sections A, B and C.*

*Answer **ONE** question from Section A and **ONE** question from Section B in the answer booklet provided.*

*Attempt **ALL** the questions in Section C using the materials provided.*

*Candidates should answer the questions in English.*

**This paper consists of 7 printed pages.**

**Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no pages are missing.**

**SECTION A: GARMENT CUTTING THEORY (20 marks)**

*Answer ONE question from this section.*

1. (a) Outline **four** causes of cuts in a workshop. (4 marks)
- (b) Highlight **three** ways in which operators can minimize accidents in a workshop. (3 marks)
- (c) Identify **five** instructions found on final patterns. (5 marks)
- (d) Explain **four** uses of work tickets in a cutting room. (8 marks)
2. (a) Highlight **four** advantages of drills in transferring pattern marks. (4 marks)
- (b) Identify **three** ways of overcoming each of the following in a spreading process:
  - (i) slack spread; (3 marks)
  - (ii) electrostatic charges. (3 marks)
- (c) Highlight **six** causes of faults during the cutting process. (6 marks)
- (d) Explain **two** precautions to observe when spreading pile fabrics. (4 marks)

**SECTION B: GARMENT MAKING THEORY (20 marks)**

*Answer ONE question from this section.*

3. (a) Outline the procedure for constructing a topstitched shirt collar with a separate stand. (8 marks)
- (b) Explain **three** objectives of controlling fullness in a garment. (6 marks)
- (c) Highlight **four** ways of inspecting garments in a workshop. (6 marks)
4. (a) Highlight **four** uses of stitches. (6 marks)
- (b) Briefly describe any **four** types of pockets. (6 marks)
- (c) Outline **four** objectives of oiling a sewing machine. (4 marks)
- (d) Outline **four** ways of ensuring safety in a workshop. (4 marks)

**SECTION C: PATTERN DRAFTING II AND GRADING (60 marks)**

*Answer ALL the questions in this section.*

5. Using the casual shirt block, sleeve block and the measurements provided, produce final patterns for the shirt style sketched on page 4:

**N.B**

- Front facing is extended;
- Sleeve facing is separate;
- Omit all seam and hem allowances;
- Collar stand is **NOT** separate.

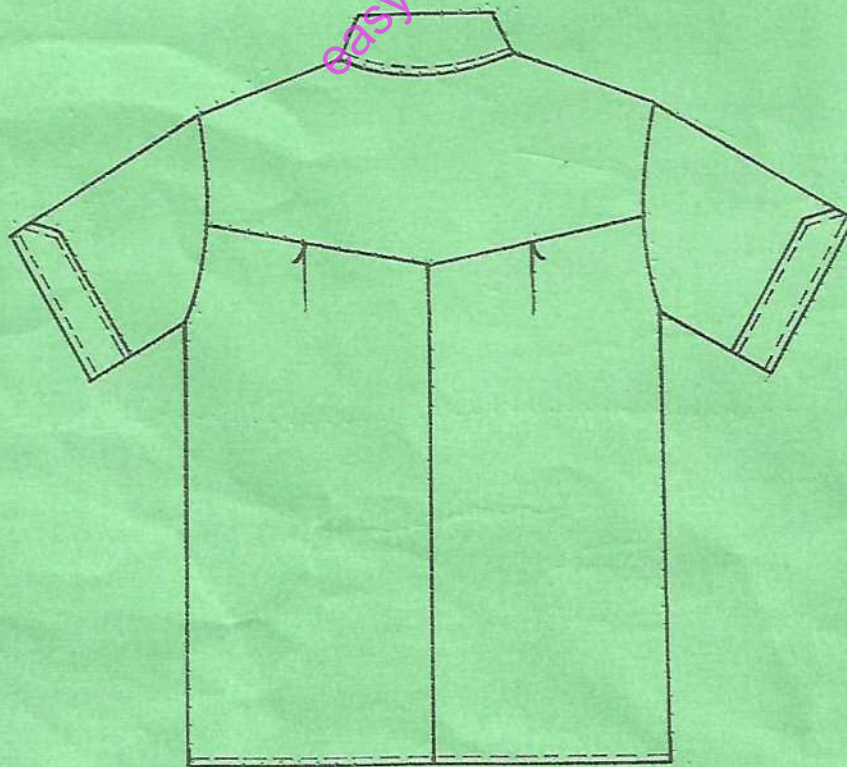
**MEASUREMENTS**

Sleeve length	-	24 cm
Pocket width	-	11 cm
Pocket depth	-	11 cm
Collar stand depth	-	3 cm
Collar fall depth	-	5 cm
Button stand depth	-	2 cm
Knife pleat depth	-	1.5 cm
Neck measurement	-	40 cm

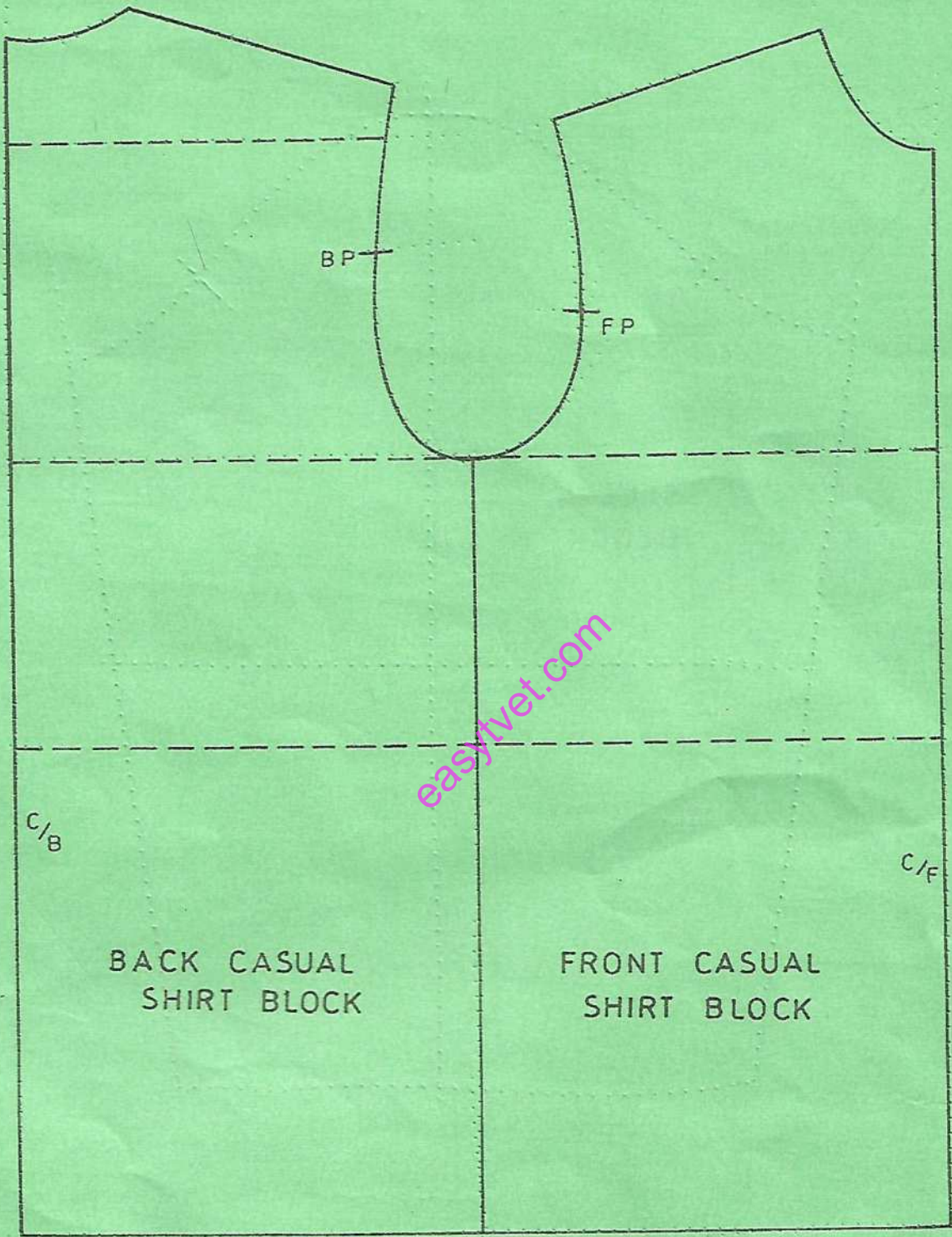
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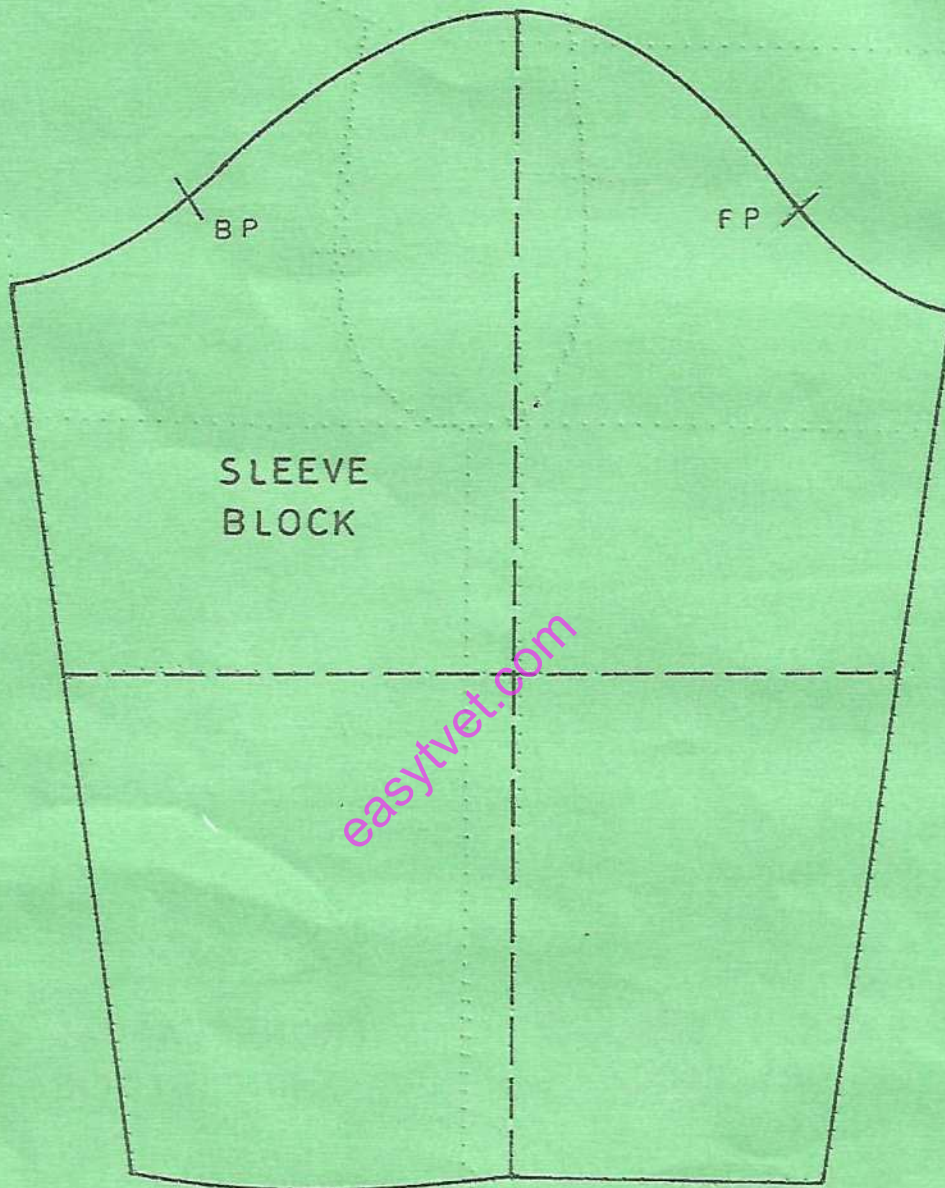


FRONT VIEW

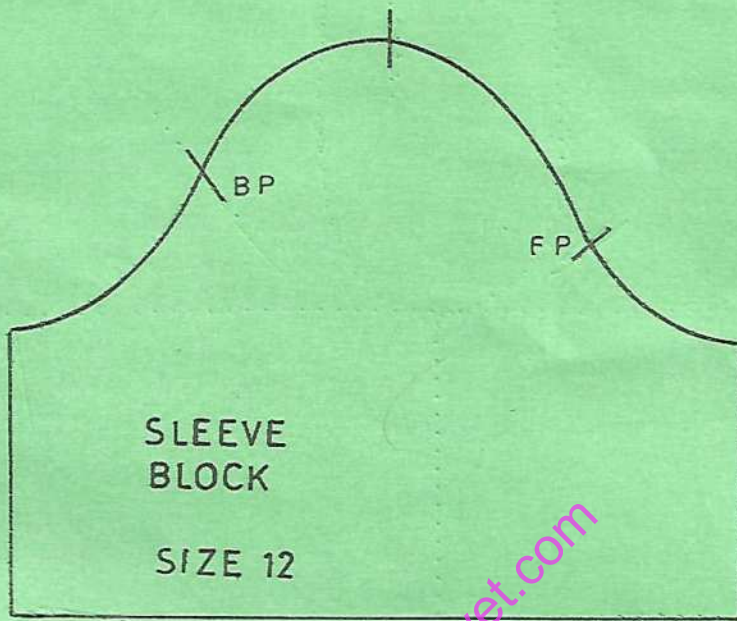


BACK VIEW





6. Trace out the sleeve block provided and grade one size up.



**THIS IS THE LAST PRINTED PAGE.**