higher education & training

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

N1290**(E)**(N28)H

NATIONAL CERTIFICATE

PATTERN CONSTRUCTION N6

(10010546)

28 November 2018 (X-Paper)
09:00–12:00

This question paper consists of 10 pages and 3 addenda.

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DEPARTMENT OF HIGHER EDUCATION AND TRAINING
REPUBLIC OF SOUTH AFRICA

NATIONAL CERTIFICATE
PATTERN CONSTRUCTION N6
TIME: 3 HOURS
MARKS: 200

NOTE: If you answer more than the required number of questions, only the required number will be marked. ALL work you do not want to be marked, must be clearly crossed out.

INSTRUCTIONS AND INFORMATION

1. This question paper consists of TWO sections.

   SECTION A : 50 marks
   SECTION B : 150 marks
   GRAND TOTAL : 200 marks

2. ALL the questions in SECTION A are COMPULSORY.

3. In SECTION B, QUESTION 3 and QUESTION 5 are COMPULSORY. Candidates have a choice between QUESTION 4.1 and QUESTION 4.2.

4. Read ALL the questions carefully.

5. Number the answers according to the numbering system used in this question paper.

6. Write neatly and legibly.

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SECTION A

QUESTION 1

1.1 Name THREE measurements needed to construct a men's casual jacket block. (3)

1.2 Explain how you would take the following measurements on an adult male figure to construct a men's pants block.

1.2.1 Waist

1.2.2 Around seat

1.2.3 Waist to ground

1.2.4 Crotch to ground

1.2.5 Around ankle

(5 × 2) (10)

1.3 Name the standard measurements for a men's trouser side pocket mouth. (2)

1.4 List THREE types of pockets that can be constructed for men's pants. (3)

1.5 What is the sheet that you would fill after completing the full size pattern? (1)

1.6 Which measurement is taken with an aim slightly bent? (1)

1.7 Briefly explain the following important terms used in pattern construction.

1.7.1 Accuracy

1.7.2 Grain lines

1.7.3 Pitches

1.7.4 Scale

1.7.5 Style analysis

(5 × 2) (10)
[30]

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QUESTION 2

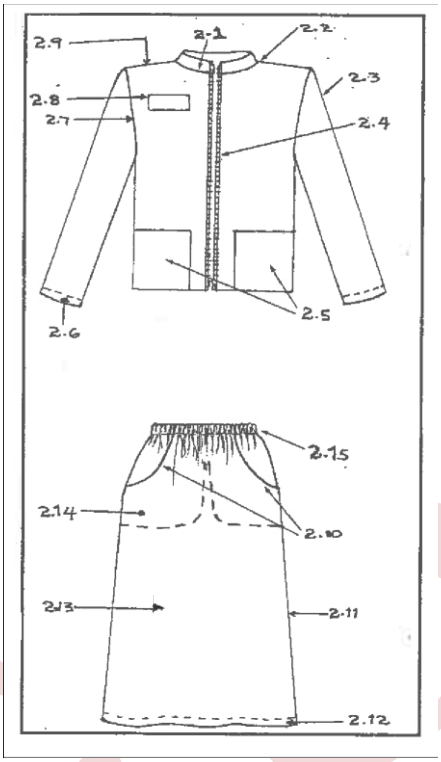
2.1 Choose an item from COLUMN B that matches a description in COLUMN A. Write only the letter (A–G) next to the question number (2.1.1–2.1.5) in the ANSWER BOOK.

COLUMN A		COLUMN B	
2.1.1	The blending and straightening of pencil lines and cross marks for the purpose of establishing the correct seam	A	dart intake
		B	wedge
2.1.2	The highest location of a mound or pivotal point	C	bisect
		D	apex
2.1.3	The space between the two legs to give fullness and release fabric where it is needed	E	hollow
		F	pitches
2.1.4	The tapered insert let into a pattern piece to create a flare, for example a skirt	G	trueing
2.1.5	To divide the 90 degree angle into two equal angles		

(5 × 1) (5)

GS

2.2 Identify the following styles and processes. Write only the answer next to the question number (2.2.1–2.2.15) in the ANSWER BOOK.



(15 × 1) (15)
[20]

TOTAL SECTION A: 50

SECTION B

INSTRUCTIONS AND INFORMATION

1. ALL drafts and manipulations must be done in the stated scale.

2. ALL drafts must be done on a white typing paper, outline the pattern block with a black fine liner pen, then paste into the ANSWER BOOK. Do NOT cut out the blocks.

3. Enough basic blocks are provided for planning and manipulation. It is therefore not necessary to trace any of the blocks before the planning stage. Tracing only takes place after the planning stage.

4. Manipulation must be pasted directly into the ANSWER BOOK. Add seam and hem allowance if required.

5. NO loose parts will be marked.

6. Only the photocopies of the blocks supplied with this question paper may be used.

7. Number ALL the questions clearly and correctly.

8. Do NOT use red or green pens.

QUESTION 3: GRADING

3.1 Name the increments positions that have to be graded effectively for ONE SIZE UP on the following blocks, in a correct order from OV line.

3.1.1 Basic bodice front size 13 (8)

3.1.2 Basic skirt size 13 (4)

3.1.3 Basic bodice back size 13 (8)

3.2 Which measurements remains the same through the grade. When grading circular skirts. (2)

3.3 Briefly explain the following grading terms.

3.3.1 Drop

3.3.2 Proportionate grading

3.3.3 Simple grade

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3.3.4 Circumference grade

3.3.5 Grading increments

(5 × 2) (10)

3.4 Name FIVE different grading methods. (5 × 2) (10)

[42]

QUESTION 4: DISPROPORTION AND ADJUSTMENTS

4.1 Describe how you would recognise the following figure disproportions.

4.1.1 Abdomen (large abdomen)

4.1.2 Chest and bust (large bust)

(2 × 2) (4)

4.2 Explain how the following adjustments can be made on a pattern to ensure accurate fit, to create the adjustment explained.

4.2.1 Lengthening of patterns

4.2.2 Widening of patterns

4.2.3 Narrowing of patterns

(3 × 4) (12)

4.3 Use the attached ADDENDUM A (attached) to create the adjustments explained in QUESTION 4.2.1, 4.2.2 and 4.2.3. Use 3 cm for adjustment. (15)

[31]

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QUESTION 5

Use the copy of a ladies' one piece sleeve block size 13, ADDENDUM B (attached) and do the adaptation of ladies' leotard sleeve block.

INSTRUCTIONS:

Locate the following landmarks:

Trace the basic sleeve, ignore the dart.

A	:	At front sleeve seam, under scye line.
B	:	At back sleeve seam, under scye line.
C	:	Midpoint between A to B.
D	:	Square up, from C, on the sleeve head.
E	:	Square down, to the cuff edge.
G	:	Midpoint of back sleeve seam line.
H	:	Midpoint of front sleeve seam line.
		Join G and H, for the elbow line.
J	:	Where G to H crosses a line from C to E
K and L	:	Mark 6 cm above J and square out to the side seam
		Mark 6 cm below J and square out to the side seam
I and M	:	On the front seam
F	:	Back cuff sleeve seam.
N	:	Front cuff sleeve seam.

Do the following shaping:

A-1	:	2,5 cm, inwards.
I-2	:	4 cm, inwards
H-3	:	4 cm, inwards.
M-4	:	3,5 cm, inwards.
N-5	:	5,5 cm, inwards.
E-6	:	3 cm, inwards.
D-7	:	1,2 cm, downwards

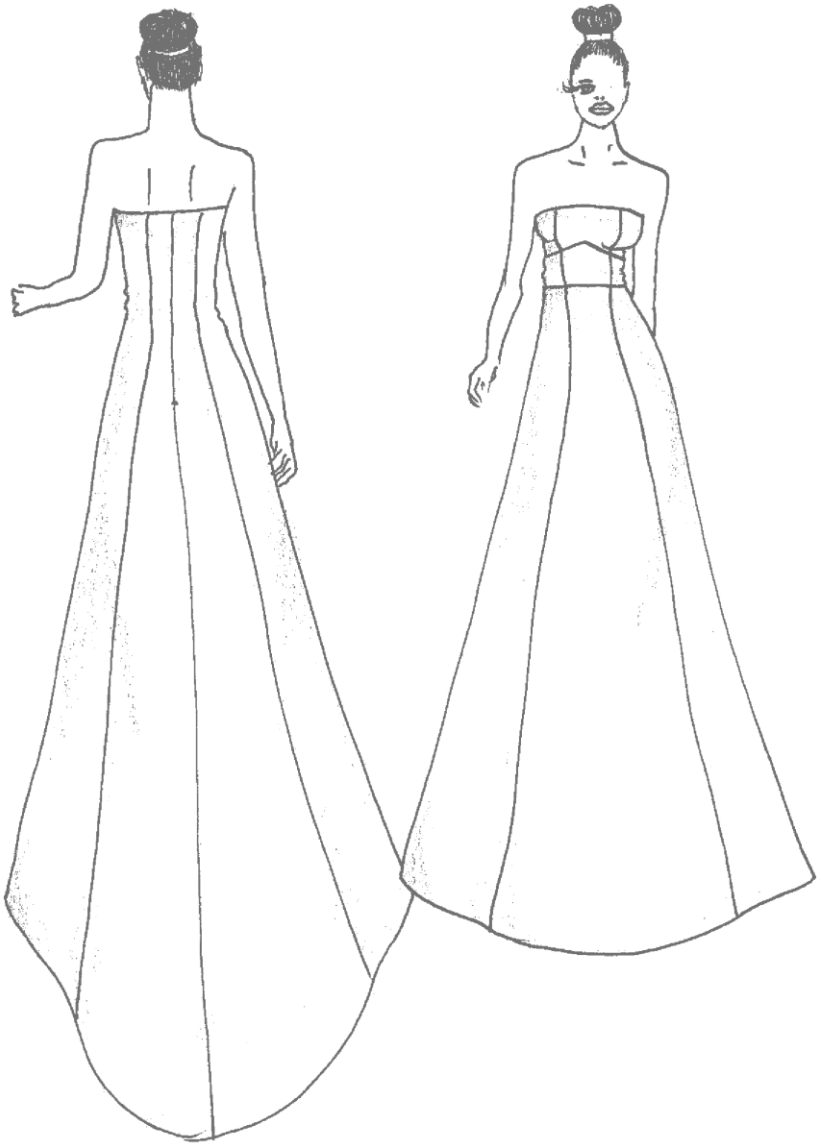
Reshape cuff from 5 to 6.
Reshape sleeve head from 1 to 7.
Reshape front sleeve seam through points 1, 2, 3, 4, and 5.
Cut out the front half of the sleeve up to the centre line.
Fold the cut section over along the centre line and mark out the back sleeve seam and cuff edge.
Grain line on the centre line.

Train the sleeve block
Indicate block information. **[25]**

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QUESTION 6

Study the sketch of the ladies styled wedding dress size 13.



Planning of the front dress

Planning of the back skirt

Make use of the following measurements and instructions.

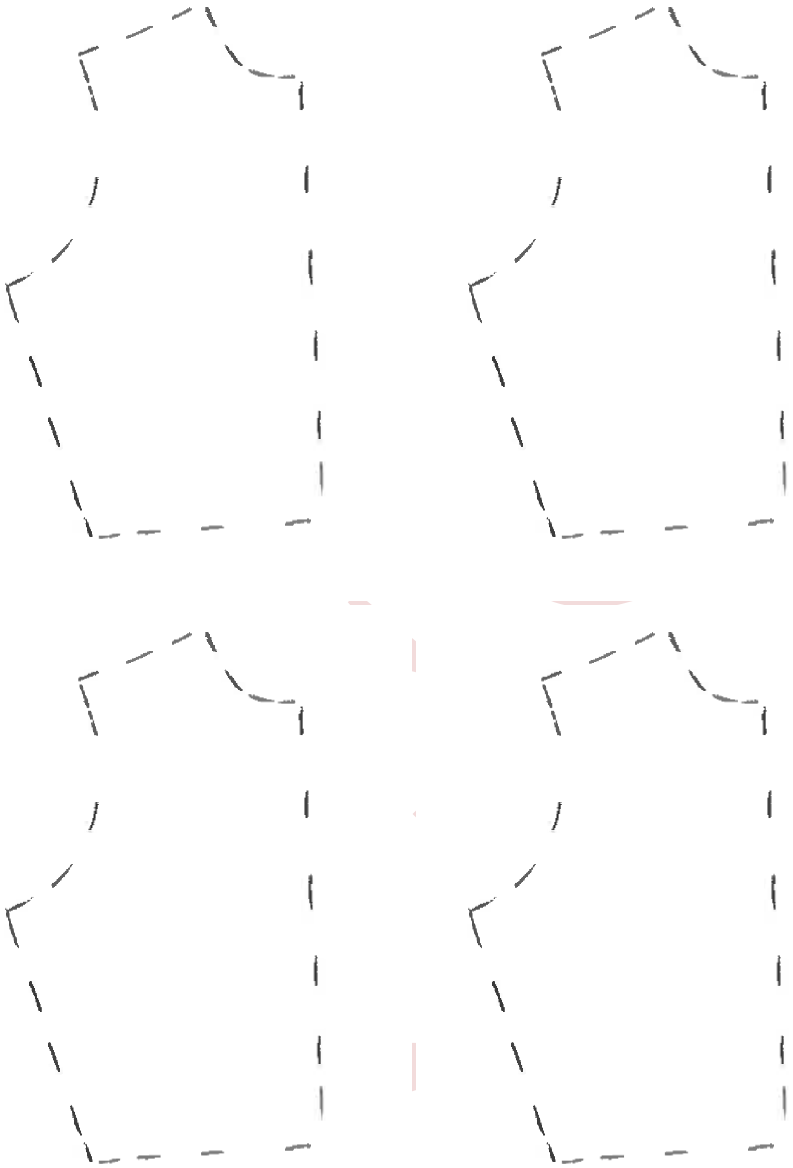
Skirt front length	=	100 cm measured from CF waistline.
Skirt back length	=	100 cm measured from the CB waistline
Back train	=	40 cm from the hemline of the back skirt.
Panel flare	=	Flare out the skirt panels 10 cm on each panel.
Front band	=	5 cm from waist side seam measured upward. 10 cm from centre front waist measured upward. Join the two points for the band.

Draw in grain lines, and label the pattern. **[52]**

TOTAL SECTION B: 150
GRAND TOTAL: 200

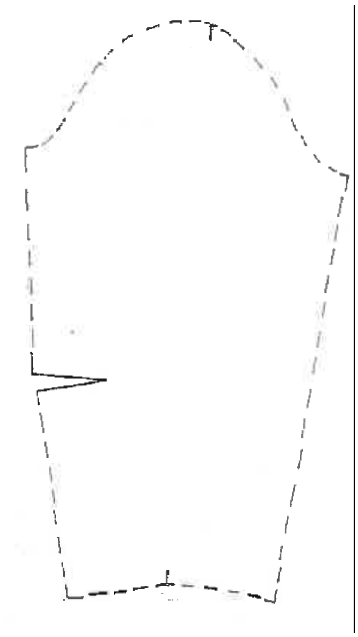
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ADDENDUM A



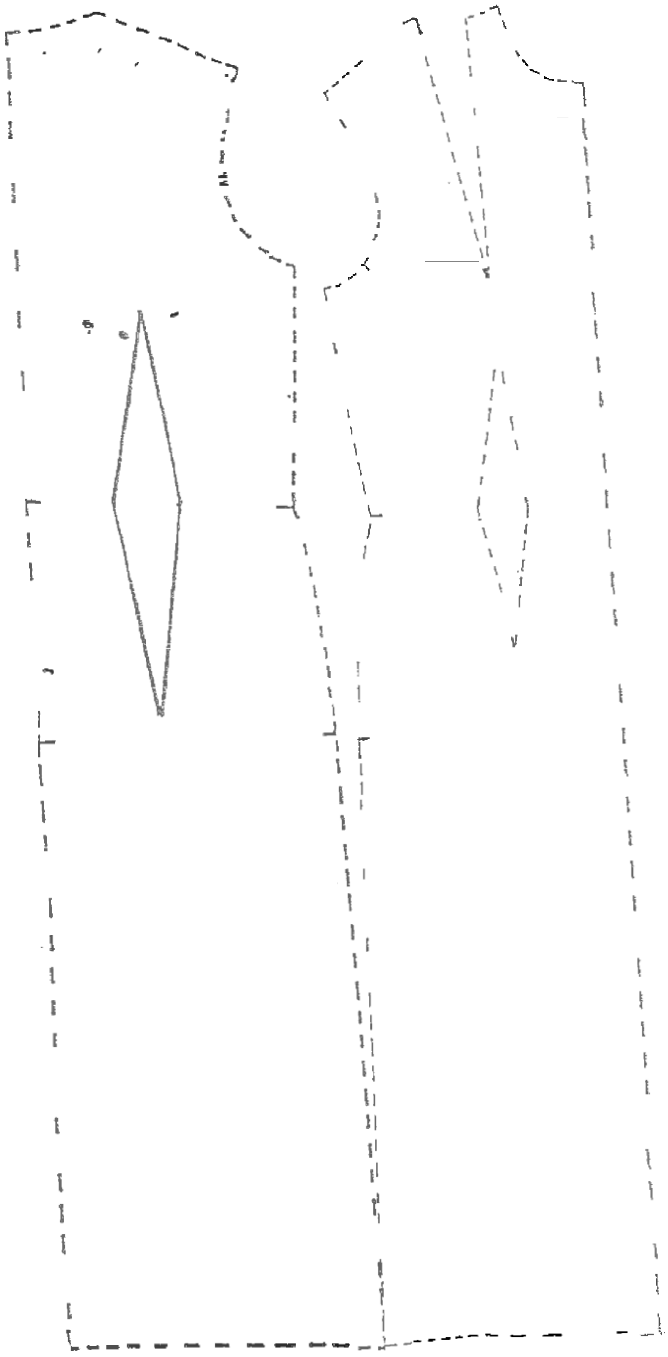
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ADDENDUM B



GS

ADDENDUM C



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