



ZIMBABWE

**MINISTRY OF HIGHER AND TERTIARY EDUCATION,
INNOVATION, SCIENCE AND TECHNOLOGY
DEVELOPMENT**

**HIGHER EDUCATION EXAMINATIONS COUNCIL
(HEXCO)**

NATIONAL DIPLOMA

IN

FASHION, CLOTHING AND TEXTILES

MODULE: Pattern Construction 2 (Practical)

PAPER NO: 662/23/M07B

DURATION: 7 Hours

OCTOBER/ NOVEMBER 2025 EXAMINATION

REQUIREMENTS

All basic blocks size $\frac{14}{38}$, Pattern making tools, Pattern making paper, A4 bond paper, 1x A3 envelope, 3 x A4 envelopes, Glue, Coloured pens, HEXCO Examination folder

INSTRUCTIONS TO CANDIDATES

- 1. Answer all questions.**
- 2. Use candidate number to label all work.**
- 3. Neatly arrange work in envelopes.**
- 4. All work to be presented in an A3 envelope.**

This paper consists of 3 printed pages.

QUESTION 1

Design a formal dress with the following style features

- Revers collar
- Double breast
- Princess line
- Two piece sleeve
- Welt breast pocket
- Bound pockets
- Slits at the sides

(10 marks)

QUESTION 2

Develop production ready patterns for the dress using size 14/38 blocks. Show all the stages of pattern development.

(60 marks)

QUESTION 2

Grade the front dress block one size up one size down.

(30 marks)

Main size chart

Area	Size						
	10S	12	14	16	18	20T	22T
1 Height	159.6	162.0	164.4	166.8	169.2	171.6	173.0
2 Weight (pounds)	102	118	134	150	166	182	198
3 Hip	87.0	92.0	97.0	102.0	107.0	112.0	117.0
4 Bust	82.0	87.0	92.0	97.0	102.0	107.0	112.0
5 Waist	60.0	66.0	70.0	75.0	80.0	85.0	90.0
6 Chest	78.4	82.0	85.6	89.2	92.8	96.4	100.0
7 Top hip (11.0 cm from waist)	81.0	86.0	91.0	96.0	101.0	106.0	111.0
8 Rib cage (under bust)	66.0	71.0	76.0	81.0	86.0	91.0	96.0
9 Neck	36.0	37.0	38.0	39.0	40.0	41.0	42.0
10 Elbow	24.7	26.5	28.3	30.1	31.9	33.7	35.5
11 Elbow	23.7	25.5	27.3	29.1	30.9	32.7	34.5
12 Wrist	15.2	16.0	16.8	17.6	18.4	19.2	20.0
13 Thigh	49.8	53.0	56.2	59.4	62.6	65.8	69.0
14 Knee	32.6	34.0	35.4	36.8	38.2	39.6	41.0
15 Calf	31.6	33.0	34.4	35.8	37.2	38.6	40.0
16 Ankle	22.3	23.0	23.7	24.4	25.1	25.8	26.5
17 K-crest	29.8	31.0	32.2	33.4	34.6	35.8	37.0
18 K-back (12.0 cm down from nape)	30.8	32.0	33.2	34.4	35.6	36.8	38.0
19 Shoulder length	11.3	11.6	11.7	11.9	12.1	12.3	12.5
20 Sleeve width	10.1	11.0	11.9	12.8	13.7	14.6	15.5
21 Sleeve depth	17.5	18.1	18.7	19.3	19.9	20.5	21.1
22 Bust width	17.8	19.0	20.2	21.4	22.6	23.8	25.0
23 Nape to bust	32.6	34.0	35.4	36.8	38.2	39.6	41.0
24 Nape to wrist over bust	51.6	53.0	54.2	55.6	56.8	58.0	59.2
25 Nape to waist centre back	38.4	40.0	40.6	41.2	41.8	42.4	43.0
26 Nape to hip	61.1	62.0	62.9	63.8	64.7	65.6	66.5
27 Nape to knee	96.5	98.0	99.5	101.0	102.5	104.0	105.5
28 Nape to floor	137.9	140.0	142.1	144.2	146.3	148.4	150.5
29 Sleeve length (outer)	57.1	59.0	59.9	59.8	60.7	61.6	62.5
30 Sleeve length (inner)	43.1	43.5	43.9	44.3	44.7	45.1	45.5
31 Abdominal seat diameter	31.5	23.0	24.7	26.4	28.1	29.8	31.5
32 Hip width	30.2	31.8	33.4	35.0	36.6	38.2	39.8
33 Body rise	27.9	29.0	30.1	31.2	32.3	33.4	34.5
34 Shoulder angle (degrees)	20.5	20.5	20.5	20.5	20.5	20.5	20.5

- 1 Short – below 160.0 cm
- 2 Medium – from 160.0 – 170.0 cm
- 3 Tall – above 170.0 cm

.../tez