



ZIMBABWE

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

**HIGHER EDUCATION EXAMINATIONS COUNCIL
(HEXCO)**

NATIONAL CERTIFICATE

IN

FASHION CLOTHING AND TEXTILES

**MODULE: Clothing Factory Management
and Operations**

PAPER NO: 455/23/M06

DURATION: 3 Hours

JUNE 2026 EXAMINATION

REQUIREMENTS

1. Calculator
2. Answer booklet.
3. Pen.

INSTRUCTIONS TO CANDIDATE

1. Answer any five (5) questions.
2. Show all working.
3. All questions carry equal marks.

PAPER NO: 455/23/M06 – CLOTHING FACTORY MANAGEMENT AND OPERATIONS

QUESTION 1

- a) Define management. (2 marks)
- b) Describe the three (3) levels of management. (6 marks)
- c) List and explain any three (3) management functions. (12 marks)

QUESTION 2

- a) Define occupational hazards. (2 marks)
- b) Identify any five (5) potential hazards in the clothing industry giving the preventative measures. (10 marks)
- c) Explain the roles of the following organisation:
 - i) International Labour Organisation (ILO). (2 marks)
 - ii) National Social Security Authority (NSSA). (2 marks)
 - iii) Zimbabwe Congress of Trade Unions (ZCTU). (2 marks)
 - iv) National Union for the Clothing Industry (NUCI) (2 marks)

QUESTION 3

Analyse the following garment production systems:

- i) Make through system. (10 marks)
- ii) Progressive bundle system. (10 marks)

QUESTION 4

- a) Define quality. (2 marks)
- b) Explain how quality is ensured in the following departments:
 - i) Stores (4 marks)
 - ii) Production (4 marks)
- c) Explain any five (5) roles which the clothing industry play in Zimbabwe. (10 marks)

PAPER NO: 455/23/M06 – CLOTHING FACTORY MANAGEMENT AND OPERATIONS

QUESTION 5

- a) Describe a specification sheet. (2 marks)
- b) Identify any five (5) important information found on the specification sheet. (10 marks)
- c) State any four (4) advantages of using computers in the clothing industry. (8 marks)

QUESTION 6

- a) Explain the following terms:
 - i) Costing (2 marks)
 - ii) Direct costs. (2 marks)
 - iii) Indirect costs (2 marks)
- b) Highlight any four (4) advantages of costing and business. (4 marks)
- c) Using the following information calculate the following:
 - i) Material cost. (2 marks)
 - ii) Production cost. (2 marks)
 - iii) Profit (2 marks)
 - iv) Cost price (2 marks)
 - v) Selling price (2 marks)

Fabric 3m at Z\$3 per meter

Zip 1 at Z\$0.50 each

Thread 1 cone at Z\$1/cone

Size tag 1 at Z\$0.20 each

Care label 1 at Z\$0.50 each

Production cost at Z\$0.13 per minute

Production time 45 minutes Profit 40%

PAPER NO: 455/23/M06 – CLOTHING FACTORY MANAGEMENT AND OPERATIONS

QUESTION 7

An order of 2000 skirts was received. The standard minute for the skirt is 25 minutes. The factory is operating at 95% attendance, 90% efficiency and 80% utilisation. The workforce for the order is twenty (20) operators. The day length is 9 hours.

Calculate

- a) Capacity hours for the order. (4 marks)
- b) Number of days required to finish the order. (4 marks)
- c) Number of hours needed if the manpower increases to 30 operators. (4 marks)
- d) Efficiency, if twenty (20) skirts were produced in 9 hours. (4 marks)
- e) An operator's efficiency if he produces 215 units of 2.5 minutes each in 9 hours. (4 marks)

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