



THE KENYA POLYTECHNIC UNIVERSITY
COLLEGE

DEPARTMENT OF INSTITUTIONAL MANAGEMENT
DIPLOMA IN CLOTHING TECHNOLOGY
END OF YEAR II EXAMINATIONS
NOVEMBER 2007 SERIES

QUALITY CONTROL

TIME: 2 ½ HOURS

Instructions to Candidates

Answer ALL Questions

This paper consists of 2 printed pages

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1.
 - a) Define the following terms;
 - i) Quality control (1 mark)
 - ii) Seconds (1 mark)
 - iii) Inspection (1 mark)
 - iv) Defect (1 mark)
 - v) Sample (1 mark)
 - b) Describe FOUR inspection methods used in the clothing industry. (12 marks)
 - c) Distinguish between quality of design and quality of conformance. (3 marks)
2.
 - a) State TWO advantages of inspection (2 marks)
 - b) Discuss FOUR measures the management can put in place to maintain high quality production. (10 marks)
 - c) Explain the following quality parameters;
 - i) Aesthetics (2 marks)
 - ii) Reliability (2 marks)
 - iii) Performance (2 marks)
 - iv) Durability (2 marks)
3.
 - a) Explain the following sampling techniques;
 - i) Simple random (3 marks)
 - ii) Stratified (2 marks)
 - iii) Systematic (2 marks)
 - b) Explain FIVE effects of poor quality work to the operatives. (10 marks)
 - c) Highlight THREE levels of quality. (3 marks)
4.
 - a) Explain FIVE benefits of total quality control. (10 marks)
 - b) Describe TWO levels of inspection. (4 marks)
 - c) Discuss the role of a quality controller in total quality management. (6 marks)
5.
 - a) Discuss THREE factors which can determine the effectiveness of sampling. (6 marks)
 - b) Explain FIVE functions of packaging (10 marks)
 - c) Explain TWO ways of inspecting incoming piece goods. (4 marks)