



MACHAKOS UNIVERSITY COLLEGE

(A Constituent College of Kenyatta University)
University Examinations for 2015/2016 Academic Year

SCHOOL OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

SECOND SEMESTER EXAMINATION FOR CERTIFICATE IN ELECTRICAL AND ELECTRONICS ENGINEERING

EPC 212: WORKSKHOP ORGANIZATION AND MANAGEMENT II

DATE: 3/8/2016

TIME: 2:00 – 4:00 PM

INSTRUCTIONS

Answer Question One and Any Other Two Questions in Section B

SECTION A: COMPULSORY

1. a) Define quality controls (2 marks)
- b i) List six basic dimensions of quality control 6 marks
- ii) Explain each of the dimensions above (12 marks)
- c) What determines the quality of a product? (4 marks)
- d) What are the consequences of poor quality? (6 marks)

SECTION B: ANSWER ANY OTHER TWO QUESTIONS

2. a) Explain the advantages of quality control (5 marks)
- b) Describe the aims of inspection (5 marks)
- c) What are the functions of inspection? (5 marks)
- d) List five types of inspection. (5 marks)

3. a) i) Define maintenance (2 marks)
- ii) What is the importance of Maintenance and the effects of poor maintenance (10 marks)
- b) Explain 4 duties of Maintenance. (8 marks)
4. a) i) Differentiate between Preventive and Break down maintenance (8 marks)
- ii) Name 4 causes of breakdown in the industrial set up? (4 marks)
- b) Explain 4 economic effects of accidents (4 marks)
- c) How do we prevent accidents at work place 4 points? (4 marks)
5. a) i) Define Production (2 marks)
- ii) Explain the six stages in production (6 marks)
- b) Draw the divisions of production structure (6 marks)
- c) Describe three important elements in production planning and control (6 marks)