



MURANGA UNIVERSITY COLLEGE

(A constituent College of Jomo Kenyatta University of Agriculture & Technology)

MAIN CAMPUS

SUPPLEMENTARY/SPECIAL UNIVERSITY EXAMINATION

2014/2015 ACADEMIC YEAR

SECOND YEAR SECOND SEMESTER EXAMINATIONS

FOR THE DEGREE OF

BACHELOR OF PROCUREMENT AND SUPPLIES MANAGEMENT

COURSE CODE: HPS 2209

COURSE TITLE: PRODUCTION AND OPERATIONS MANAGEMENT

DATE : 3RD AUGUST 2015

TIME:2.00-4.00PM

INSTRUCTIONS

Question one is compulsory

Answer any other two questions

QUESTION ONE

Discuss each of the following terms related to recent trends in production and operations management

- i) Global markets (2marks)
 - ii) Total quality management (2marks)
 - iii) Worker involvement (2marks)
 - iv) Operations strategy (2marks)
- b) Discuss any four types of production (10marks)
- c) Once a product reaches the market it starts a life cycle. Describe the four stages of a product life cycle (12marks)

QUESTION TWO

- a) Explain five elements of a good forecast (10marks)
- b) Discuss five objectives of a good plant layout (10marks)

QUESTION THREE

- a) Discuss four types of equipment used in materials handling (8marks)
- b) Distinguish between long term capacity planning and short term capacity planning (12marks)

QUESTION FOUR

- a) Enumerate five factors that affect productivity (10marks)
- b) Discuss five requirements for effective inventory management (10marks)