



MURANGA UNIVERSITY COLLEGE

(A Constituent college of JKUAT)

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

TIME

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)