

**CHUKA**



**UNIVERSITY**

**UNIVERSITY EXAMINATIONS**

**THIRD YEAR EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF  
PROCUREMENT AND LOGISTIC MANAGEMENT**

**BPLM 311: SYSTEMS PRODUCTION MANAGEMENT**

**STREAMS: BPLM Y3S1**

**TIME: 2 HOURS**

**DAY/DATE: TUESDAY 04/12/2018**

**8.30 A.M. – 10.30 A.M.**

**INSTRUCTIONS:**

- **Answer question ONE and any other TWO questions.**

Q1. (a) Batch production is one type of production system. Describe this type of production system. (10 marks)

(b) Discuss any five factors that determine the location of a production facility in a competitive business environment. (10 marks)

(c) Give five reasons to explain why organizations maintain a lot of inventories in their stores. (10 marks)

Q2. (a) State and explain the factors that have contributed to the growth of the service sector in Kenya. (10 marks)

(b) Discuss any five external sources in new product development process. (10 marks)

Q3. (a) Explain any five factors that may necessitate the use of a fixed position layout system. (10 marks)

(b) Discuss any five principles of plant layouts. (10 marks)

- Q4. (a) Discuss the benefits of an audit control effort to an organization. (10 marks)
- (b) Using suitable examples distinguish between preventive maintenance and repair maintenance. (10 marks)
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