



# **EMBU UNIVERSITY COLLEGE**

**(A Constituent College of the University of Nairobi)**

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**2015/2016 ACADEMIC YEAR**

**SECOND SEMESTER EXAMINATIONS**

**FIRST YEAR EXAMINATION FOR THE DIPLOMA IN PURCHASING AND  
SUPPLIES MANAGEMENT**

**BBA 111: MATERIALS AND PRODUCTION MANAGEMENT**

**DATE: APRIL 6, 2016**

**TIME: 08:30-10:30**

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**INSTRUCTIONS:**

**Answer Question ONE and ANY Other TWO Questions.**

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**QUESTION ONE**

- a) Discuss the major Objectives of Production management. (5 marks)
- b) Explain the main objectives of Materials management (5 marks)
- c) Discuss the factors that may influence the choice of a location of manufacturing facility of an organization: (4 marks)
- d) Discuss the main functions of Project management in an organization: (8 marks)
- e) State and explain Two main Objectives of Operations management, (4 marks)
- f) State and explain the main stages of a Project Planning, (4 marks)

**QUESTION TWO**

- a) Write short notes on the following. (4 marks)
  - i) Production Management (4 marks)
  - ii) Operations Management (4 marks)
  - iii) Maintenance Management (4 marks)
  - iv) Project Management (4 marks)

### QUESTION THREE

- a) With the help of a diagram or Chart, Discuss the ABC Model as used in Inventory control and planning. (10 marks)
- b) Explain the Various purposes of stock/Inventory in an organization. (10 marks)

### QUESTION FOUR

- a) Discuss the major distinction between manufacturing operations and service operations in an industry set up. (10 marks)
- b) With the help pf a diagram, explain the Service Design Process. (10 marks)

### QUESTION FIVE

- a) Production and operations management is concerned with the conversion of inputs into outputs, Clearly state and explain the **activities** which are listed under production and operations management functions: (10 marks)
- b) Production systems can be classified as: **Job Shop, Batch, mass and Continuous Production systems**. Explain the meaning of each term. (10 marks)

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