



TECHNICAL UNIVERSITY

OF MOMBASA

SCHOOL OF BUSINESS
DEPARTMENT OF MANAGEMENT SCIENCE
UNIVERSITY EXAMINATION FOR:
DIPLOMA IN PROCUREMENT AND MATERIALS MANAGEMENT
BMG 2205: MATERIALS PROVISIONING AND LOGISTICS
ORDINARY EXAMS
END OF SEMESTER EXAMINATION
SERIES: AUGUST 2019
TIME: 2 HOURS
DATE: Pick Date Aug 2019

Instructions to Candidates

You should have the following for this examination

-Answer Booklet, examination pass and student ID

This paper consists of **FIVE** questions. Attempt question ONE (Compulsory) and any other TWO questions.

Do not write on the question paper.

Question ONE (COMPULSORY) – 30 MARKS

- a. Explain some **Four** costs associated with stock that an organization can incur (8 marks)
- b. State and explain **Four** benefits of demand forecasting to an organization (8 marks)
- c. Explain the following as can be applied in Materials Provisioning and Logistics (6 marks)
 - i. ERP
 - ii. MRP
 - iii. EDI
- d. State some **Four** advantages of JIT in Materials Provisioning and Logistics (4 marks)
- e. Highlight **Four** objectives of logistics management in an organization (4 marks)

SECTION B: CHOOSE ANY TWO QUESTIONS. ALL QUESTIONS CARRY EQUAL MARKS.

Question TWO

- a. What is demand forecasting? State **Three** components of demand (4 marks)
- b. Highlight **Four** benefits of sales and operation planning (4 marks)
- c. State **Four** functions of Manufacturing Planning and Control (4 marks)
- d. State and explain **Four** demand forecasting techniques that an organization can use (8 marks)

Question THREE

- a. State **Four** best practices of sales and operation planning (4 marks)
- b. State and explain **Four** activities of logistics in an organization (8 marks)
- c. Explain **Four** benefits of a good materials provisioning and logistics in an organization (8 marks)

Question FOUR

- a. State Four reasons why materials manager should use scheduling in their operations (2 marks)
- b. State and explain **Four** techniques of inventory control that can be used in an organization (8 marks)
- c. Explain **Five** reasons why an organization should keep inventory (10 marks)

Question FIVE

- a. State **Two** benefits of a good capacity plan. (2 marks)
- b. Highlight **Four** Input into Materials Production and Scheduling (4 marks)
- c. State **Four** factors affecting capacity planning in an organization (4 marks)
- d. Explain **Four** strategies to capacity planning (10 marks)