TECHNICAL UNIVERSITY OF MOMBASA

SCHOOL OF BUSINESS

DEPARTMENT OF MANAGEMENT SCIENCE

DIPLOMA IN PROCUREMENT AND MATERIAL MANAGEMENT

(YEAR 2 SEMESTER 2)

BMG 2205: MATERIAL PROVISIONING ABD LOGISTICS

INSTRUCTIONS

You should have the following for this examination

-Answer Booklet

This paper consist of FIVE questions.

Attempt question One (Compulsory) and any other two questions

Maximum marks for each part of a question are shown

This paper consist of two printed pages

Do Not Write on the Question paper

Question one (Compulsory)

(a) ERP are designed around a number of modules each of which can be stand alone or combined with others explain the meaning of ERP as it is used in manufacturing planning and control , what are its applications, explain the advantages and the disadvantages (10 Marks)

(b) Inventory is the stock of all the items or resources that are held in an organization for sale or future use and inventory management is controlling the movement and use of these resources in an organization, what are the costs incurred in managing these inventory in an organization (inventory costs). (10 marks)

(c) Sales and operation is the process where executive level of management regularly meets and review projections for demand, supply and the resulting financial impact. Explain the benefits of sales and operations planning. (10 marks)

Question Two

(a) A Master Production Schedule or MPS is the plan that a company has developed for production, inventory, staffing, etc. It sets the quantity of each end item to be completed in each week of a short-range planning horizon .What are The General Principles of Master production Scheduling (10 Marks)

(b) **)** Logistics is the management flow of resources not only goods between the point of origin and the point of consumption in order to meet the requirements of the customer or corporations. Highlight importance of logistics. (10 marks)

Question Three

(a) Explain the ABC analysis as it is used in controlling materials in an organization.

(10 marks)

(b)The role of capacity planning in manufacturing planning and control system is planning and control of material and capacities .explain the broad classes of capacity (10 marks)

Question Four

(a) Explain the capacity and control techniques as used in demand management and operations planning (10 marks)

(b) Inventory is the stock of all the items or resources held in the organization for sale or future use, in reference to that give reasons for keeping inventory. (10 marks)

Question Five

(a) The sales and operations planning involves making decisions on each product firmly concerning changes to the sales plan and the operations plan , name and explain five steps used in sales and operations planning (10 Marks)

(b) Demand is the utility for a good or service of an economic agent relative, to his or her income in that reference, explain two types of demand and the characteristics of demand (10 Marks)