



Technical University of Mombasa
SCHOOL OF BUSINESS -DEPARTMENT OF MANAGEMENT SCIENCE
END OF SEMESTER EXAMINATION –BMS 4101- PORT ECONOMICS
YEAR TWO SEMESTER ONE (PAPER “A”)

Instructions: Answer Question ONE and any other two questions.

1. A port becomes an economic engine if it runs efficiently. For us to understand this, it is important to appreciate and relate the relationship between macroeconomics, port economics and port performance.

Required:

- Explain how any change in the port infrastructure, port organization and port operation has an impact port performance, hence national economy. (30 marks)
2. Examine the impact that technological change has had on the employment opportunities and practices of seaports (20 marks)
3. In the process of formulation of port tariff, the port authorities generally endeavor to incorporate pricing objectives. Discuss. (20 marks)
4. Trace and discuss the effects of ship design on port efficiency from the time of its entry into the port channel to its departure. (20 marks)

5. A widely used determinant indicator of port performance is the cargo throughput volume which is one of the many characteristics of port and the economic environment attracting port customers. However other methods can be used.

Required:

Discuss the seven main determinants of port performance (20 marks)