

**W1-2-60-1-6**

**JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY**

**UNIVERSITY EXAMINATIONS 2014/2015**

**YEAR III SEMESTER II EXAMINATION FOR THE DEGREE OF BACHELOR OF SUPPLY CHAIN MANAGEMENT**

**HSM 2310: PROT MANAGEMENT**

**DATE:DECEMBER 2014 TIME: 2 HOURS**

INSTRUCTIONS: Answer questions one and two and any other two questions.

QUESTION ONE

a. Explain what a seaport is and the importance of ports? (10 marks)

b. Discuss at least four factors constraining port development? (12 marks)

c. Explain at least four elements of safety that make a safe port. (8 marks)

QUESTION TWO

a. Define a lock and explain its advantages and disadvantages in port management.

(10 marks)

b. Explain the following terms

i. Harbour. (2 marks)

ii. Dock (2 marks)

iii. Pier or Jetty (2 marks)

iv. Dolphin (2 marks)

v. Stevdore (2 marks)

QUESTION THREE

Port management development has moved from transport centre to a logistics platform, through first generation port, second generation port, third generation port and fourth general port. Discuss the recognized features of each generation. (20 marks)

QUESTION FOUR

Identify three management information systems often found in the ports and explain the role and function of each. (20 marks)

QUESTION FIVE

a. Discuss the relationship between port and state. (8 marks)

b. Discuss the four approaches to port pricing and explain who sets the rates.

(12 marks)