

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

**JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY**

# **UNIVERSITY EXAMINATIONS 2014/2015**

**SPECIAL/SUPPLEMENTARY EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE IN SUPPLY CHAIN MANAGEMENT**

**HSM 2312 : E-SUPPLY CHAIN MANAGEMENT**

**DATE: AUGUST 2014 TIME: 2 HOURS**

**INSTRUCTIONS: ANSWER QUESTION ONE AND ANY OTHER TWO QUESTIONS**

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**QUESTION ONE**

1. Mobile telecommunications have exploded onto the social and business in recent years. Explain the benefits of using web-enabled mobile telecommunications. [5 marks]
2. Explain the advantages of RFID technology compared with bar coding [6 marks]
3. Identify the benefits that the internet has provided for the purchasing functions [4 marks]
4. Explain the various functions that can be performed by a warehouse and distribution management systems. [6 marks]
5. Materials requirements planning (MRP) and manufacturing resource planning (MRPll) are techniques often adopted by manufacturing plan production. The following inventory and plan production. The following questions are related to the techniques.
6. For an MRP system to work effectively, identify five conditions that need to be met [5 marks]
7. Describe two differences between the MRP and the MRP ii systems [4 marks]

**QUESTION TWO**

1. Discussing the E-purchasing process [10 marks]
2. Identify the potential benefits of developing e-sourcing [5 marks]
3. Electronic contracts can be created and transmitted to supplier and other relevant stakeholders. Identify their value adding benefits [5 marks]

**QUESTION THREE**

1. Explain the various risks that an organization may face by implementing various technological systems [10 marks]
2. Suggest the possible means of mitigating the risks you have identified [10 marks]

**QUESTION FOUR**

1. Write short notes on the following e-payment tools.
2. Electronic consolidated invoicing [2 marks]
3. Automatic invoice settlement [2 marks]
4. Evaluated receipt settlement [2 marks]
5. Electronic funds transfer [2 marks]
6. Purchasing cards [2 marks]
7. Explain the various limitations of using RFID tags. [7 marks]
8. Analyze the various disadvantages of using reverse auctions [3 marks]

**QUESTION FIVE**

1. Identify the various advantages of using and ERP system. [5 marks]
2. Explain the various benefits that an organization can enjoy by using EDI [8 marks]
3. Identify and explain various types of e-catalogues [3 marks]
4. Describe some potential problems that an organization may face in implementing EDI [4 marks]