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**JOMO KENYATTA UNIVERSITY**

**OF**

**AGRICULTURE AND TECHNOLOGY**

**UNIVERSITY EXAMINATIONS 2014/2015**

**FIRST YEAR FIRST SEMESTER EXAMINATION FOR THE**

**DIPLOMA IN INFORMATION TECHNOLOGY**

**DIT 0406: E-COMMERCE**

**DATE: AUGUST 2015 TIME: 1 ½ HOURS**

**INSTRUCTIONS: ANSWER QUESTION ONE (COMPULSORY) AND**

**ANY OTHER THREE QUESTIONS**

1. Define an information system from both a technical and business perspective and distinguish between computer literacy and

information system literacy [20 marks]

1. a) Explain why information system are so important today

 for business and management? [10 marks]

b) Identify the major management challenges to building

 and using information system. [10 marks]

1. a) Define electronic commerce and describe how it has

 changed consumer retailing and business-to-business

 transaction. [15 marks]

b) Compare the principal payment systems for electronic

 commerce. [5 marks]

1. a) Define IT infrastructure and describe the components

 and levels in IT infrastructure. [5 marks]

b) Identify and describe the technology drivers of IT

 infrastructure evolution. [7 marks]

c) Assess contemporary software platform trends. [8 marks]

1. a) Identify the challenges posed by data resource

 management and management solutions. [5 marks]

b) Describe how a database management system organizes

 information and compare the principles of database models. [10 marks]

c) Identify and describe the most important tools for

 communication and E-business. [5 marks]