



THE MOMBASA POLYTECHNIC UNIVERSITY COLLEGE

(A Constituent College of Jkuat)

Faculty of Engineering and Technology

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY YR 2 SEM II

HIGHER DIPLOMA IN COMPUTER STUDIES – HDIP 2K 9A

EIT 3212: E- COMMERCE

END OF SEMESTER EXAMINATIONS

SERIES: AUGUST/SEPTEMBER 2011

TIME: 2 HOURS

Instructions to Candidates:

You should have the following for this examination

- *Answer booklet*

Answer question **ONE (COMPULSORY)** in section **A** and any other **TWO** questions from section **B**

This paper consists of **TWO** printed pages

SECTION A

Question 1 (Compulsory)

- a) Define the term E-Commerce (2 marks)
- b) Name and explain **THREE** categories of E-Commerce (6 marks)
- c) Under what circumstances is prototyping appropriate (8 marks)
- d) What is Transparency as used in the middle-ware services (4 marks)
- e) Define the term system implementation, what is the purpose of implementing a system and what are the major tasks during system implementation (10 marks)

SECTION A

Question 2 (20 marks)

- a) Explain in detail the **FOUR** factors influencing online payments system (12 marks)
- b) What is E-cash, list and explain **THREE** properties of E-cash (8 marks)

Question 3 (20 marks)

- a) Why do we have cash as the dominant form of payment (6 marks)
- b) Enumerate the benefits of E-Commerce to a seller (6 marks)
- c) Electronic Data Interchange (EDI) can bring a number of benefits to an organization explain these benefits (8 marks)

Question 4 (20 marks)

Discuss the **FOUR** models of E-Commerce (20 marks)

Question 5 (20 marks)

- a) List the **SIX** layers of the architectural framework of E-Commerce
- b) List and explain in detail the **FIVE** steps involved in systems development life cycle for an E-Commerce website (20 marks)