



The Co-operative University College of Kenya
(A Constituent College of Jomo Kenyatta University of Agriculture & Technology)

END OF SEMESTER EXAMINATIONS APRIL - 2015

EXAMINATIONS FOR DIPLOMA IN COMMUNITY DEVELOPMENT

UNIT CODE: COCD 1208

UNIT TITLE: COMPUTER APPLICATIONS IN COMMUNITY DEVELOPMENT

DATE: _____ **TIME:** _____

INSTRUCTIONS:

Answer question **ONE** (**compulsory**) and any other **TWO** questions

QUESTION ONE

- a) Define the following terminologies (4 Marks)
 - i. Computer system
 - ii. Internet
- b) Describe THREE (3) functions performed by the computer (3 Marks)
- c) Differentiate between an application software and system software (2 Marks)
- d) Identify and explain THREE (3) network topologies (6 Marks)
- e) State TWO (2) major problems that were associated with using vacuum tubes in the First Generation Computers (2 Marks)
- f) Describe TWO (2) forms of cyber terrorism (4 Marks)
- g) Outline FIVE options for internet connectivity (5 Marks)
- h) Highlight FOUR (4) input/output devices (4 Marks)

QUESTION TWO

- a) Explain FIVE (5) functions of the operating system (10 Marks)
- b) Explain the major classifications of the main memory, highlighting the functions (10 Marks)

QUESTION THREE

- a) Describe FIVE (5) differences between A Local Area Network and a Wide Area Network (10 Marks)
- b) Describe FIVE (5) major functions that would be carried out by computers in a Co-operative Society (10 Marks)

QUESTION FOUR

- a) Describe FIVE (5) computer Application Areas (10 Marks)
- b) Some new business trends are sources of good business opportunities; others are trends we need to incorporate into our small business practices to stay competitive and keep or grow our market share. Describe FIVE (5) ICT based business trends that small businesses can profit from (10 Marks)

QUESTION FIVE

- a) Discuss FIVE (5) features of Word Processing Programs (10 Marks)
- b) Describe any FIVE (5) advantages of computerized accounting programs (10 Marks)