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

END OF SEMESTER EXAMINATION APRIL-2015

EXAMINATION FOR THE DIPLOMA IN CO-OPERATIVE MANAGEMENT

UNIT TITLE: COMPUTER APPLICATIONS

DATE: 27TH APRIL, 2015   TIME: 9.00 A.M. – 11. 00 A.M.

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

QUESTION ONE
- (a) Explain the major components of the CPU.   (5 marks)
- (b) distinguish the following terms:
    - i.   LAN and MAN networks
    - ii.   General purpose components and special purpose computer
    - iii. System software and application softwares.   (6 marks)
- (c) Explain TWO ways in which computers are used in the health sector.   (4 marks)
- (d) Outline FIVE effects of computer viruses on a computer system.   (5 marks)
- (e) Explain FIVE advantages of computer networks to a co-operative society. (5 marks)
- (f) Outline FIVE classes of application softwares.   (5 marks)

QUESTION TWO
- (a) Discuss the computer generations noting the difference in hardware and software capabilities.   (10 marks)
- (b) Explain FIVE functions of operating systems.   (10 marks)

QUESTION THREE
- (a) Discuss FIVE major applications of the internet in the co-operative societies.
                                                                            (10 marks)
- (b) Explain FIVE factors affecting the performance of a computer system.   (10 marks)

QUESTION FOUR
- (a) Discuss FIVE security measures that a co-operative society can implement to safeguard their computer and information resources.   (10 marks)
- (b) Explain the term network topology and describe with the use of diagram THREE typed of networks topologies.   (10 marks)

QUESTION FIVE
- (a) Explain FIVE benefits to a co-operative society that chooses to use proprietary softwares.   (10 marks)
- (b) Explain FIVE major impacts of computer systems to a co-operative society.
                                                                            (10 marks)