TECHNICAL UNIVERISTY OF MOMBASA

Faculty of Engineering & Technology

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

PRE-CERTIFICATE IN INFORMATION TECHNOLOGY (PRECIT)

EIT 1001: INTRODUCTION OF COMPUTERS & OPERATING SYSTEM

END OF SEMESTER EXAMINATION
SERIES: DECEMBER 2013
TIME: 2 HOURS

Question One (Compulsory)

a) Briefly explain the following storage devices   **(4 marks)**
  (i)   Hard disk
  (ii)   Floppy disk
  (iii)   Tape disk
  (iv)   CD-ROM

b) State and explain two types of printers   **(4 marks)**

c) Differentiate between file and a folder   **(2 marks)**

d) Explain the following types of software   **(6 marks)**
  (i)   System software
  (ii)   Application software
  (iii)   Program software

e) State and explain TWO types of booting   **(4 marks)**

Question Two

a) State the FIVE functions of mouse as an input devices   **(5 marks)**

b) State the reasons why windows operating systems is mostly preferred to linux   **(3 marks)**

c) State reasons why secondary storage is known to be non volatile   **(2 marks)**

d) Describe the history of computers   **(10 marks)**

Question Three

a) The CPU can be described as the "brain" or "heart" of a computer. State the reason and explain the main components of the CPU.   **(10 marks)**

b) A part from a mouse, keyboard, name FOUR other input devices   **(4 marks)**

Question Four

a) Define operating system.   **(2 marks)**

b) Differentiate between CD-R and CD-RW   **((2 marks)**

c) State the procedure of setting data and time   **(4 marks)**

d) State the difference between primary storage and secondary storage.   **(4 marks)**

e) State FOUR functions of operating system   **(4 marks)**

f) Give the difference between RAM and ROM   **(4 marks)**

Question Five

a) Explain the following classification of computers   **(8 marks)**
    (i)   Super computer
    (ii)   Mainframe computers
    (iii)   Miniframe computers
    (iv)   Micro computers

b) State and explain TWO services provided by the operating system   **(4 marks)**

c) State and explain SIX output devices   **(6 marks)**

d) Explain two types of operating system   **(2 marks)**