THE MOMBASA POLYTECHNIC UNIVERSITY COLLEGE

Faculty of Engineering and Technology

DEPARTMENT OF ELECTRICAL & ELECTRONIC ENGINEERING

DEPE 1

EEE 2151

COMPUTER APPLICATION I

SEMESTER EXAMINATIONS

SERIES: FEBRUARY 2011 SERIES

TIME: 2 HOURS

Instructions to Candidates:

1.   You are required to have the following for this examination;
   - Answer booklet

2.   Answer Question **ONE** and any other **TWO** Questions.

Question ONE

a) Distinguish between the following storage devices:
   i) ROM and RAM
   ii) Magnetic tape and flash memory   (4 marks)

b) State the main features of the following applications programs
   i) Word processors
   ii) Spreadsheets   (4 marks)

c) List TWO types of input devices and TWO types of output devices.   (4 marks)

d) Describe THREE classification of computers based on size and processing power. (6 marks)

e) Explain the following terms used in the internet.
   i) Search engine
   ii) Web page
   iii) Browser
   iv) Host computer   (8 marks)

f) Explain the following terms:
   i) Formatting
   ii) Editing   (4 marks)

(ANSWER ANY OTHER TWO QUESTIONS)

Question TWO

a) Distinguish between the following editing tools
   i) Find and Replace
   ii) Spelling checker and thesaurus   (4 marks)

b) Explain the following formats
   i) Superscript
   ii) Strikethrough
   iii) Alignment
   iv) Indentation   (8 marks)

c) State the importance of changing the following page setups.
   i) Mirror margins
   ii) Page orientation.   (4 marks)

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d)   State what the following combination of keys would do on Microsoft Word Page.
   i)   Ctrl + End keys
   ii)   Ctrl + S keys
   iii)   Ctrl + Pagedown keys
   iv)   Ctrl + Right Arrow keys.   (4 marks)

Question THREE

a) i)   State THREE examples of system software.   (3 marks)
    ii) Explain THREE functions of an operating system in a computer.   (6 marks)

b) State the commands that would perform the following in MS-DOS.
    i)   Create a folder named "poly"
    ii)   Delete a file named "Rudisha"
    iii) Change to drive D.   (3 marks)

c) Describe the function of the following programs.
    i)   Device driver
    ii)   Anti-virus   (4 marks)

d) State the function of the following areas if a window
    i)   Title bar
    ii)   Status bar
    iii) Menu bar
    iv)   Scroll bar   (4 marks)

Question FOUR

a) State THREE advantages of using an electronic spreadsheet.   (3 marks)

b) Explain the following terms as used in Microsoft Excel
    i)   Cell pointer
    ii)   Name box
    iii) Autosum   (3 marks)

c) State FOUR types of cell formats.   (4 marks)

d) Distinguish between the following
    i)   Clear contents and clear formats
    ii)   Insert cells and inset sheet   (4 marks)

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e) Explain the appropriate data that would be best presented by the following types of charts:
    i)   Pie chart
    ii)   Line chart
    iii) Column chart   (6 marks)

Question FIVE

a) i)   Describe TWO uses of the World Wide Web.   (2 marks)
    ii)   Explain the parts that constitute each of the following:
          I)   http://www.mtandao.com
          II)   msafiri@jibucenter.co.ke   (4 marks)

b) Explain the use of the following in an e-mail message:
    i)   CC section
    ii)   BCC section
    iii) Reply command
    iv)   Forward command   (8 marks)

c) Describe any THREE web services users of internet enjoy.   (6 marks)