THE MOMBASA POLYTECHNIC UNIVERSITY COLLEGE

(A Constituent College of JKUAT)

Faculty of Business & Social Studies

DEPARTMENT MEDIA & GRAPHICS

DIPLOMA IN MASS COMMUNICATION
ICT

END OF SEMESTER EXAMINATIONS

SERIES: DECEMBER 2011

TIME: 2 HOURS

Instructions to Candidates:
You should have the following for this examination
  - *Answer Booklet*
This paper consist of **FIVE** questions in **TWO** sections **A** & **B**
Answer question **ONE (COMPULSORY)** and any other **TWO** questions
Maximum marks for each part of a question are as shown
This paper consists of **THREE** printed pages

SECTION A (COMPULSORY)

Question one (30 marks)

a) Discuss the role of a computer based system in the effective running of a media business of the modern world **(4marks)**

b) Define the following as used terms as used in spreadsheets
   (i) Cell
   (ii) Work sheet
   (iii) Work book
   (iv) Search engine **(8marks)**

c) Differentiate the following terms as used in computer
       (i) Hard copy and soft copy **(2marks)**
       (ii) Hardware and software **(2marks)**
       (iii) System software and application software **(2marks)**
       (iv) Internet and intranet **(2marks)**

d) Explain how you would achieve the following in ms windows
       (i) Create a folder **(2marks)**
       (ii) Create a user account **(2marks)**
       (iii) Safely remove a flash disk **(2marks)**

e) Define the following terms
   (i) Computer system
   (ii) Computer Peripheral **(4marks)**

SECTION B (ANSWER ANY TWO QUESTIONS)

Question Two (20 marks)

a) The most is made up of logical function components. Using a diagram explains the major logical components **(8marks)**

b) Explain the meaning of the following

    (i) 2.0 GHZ processor

    (ii) 512 MB memory

    (ii) 40GB **(6marks)**

(b) Explain the use of the following functions in Ms Word

    (i) Drop cap

    (ii) Word count

    (iii) Change case **(6marks)**

Question Three

(a) Explain **one** application area of the following character reorganization input devices

    (i) MICR

(ii) OMR

(iii)   OCR

(iv)DIGITIZERS

(v) BARCODE   **(5marks)**

(b)   Describe the following features of a windows based system

    (i)   Pointer

    (ii)   Screen saver

    (iii)   Wall paper   **(6marks)**

(c)   Spreadsheet software was designed as shown below. Use the diagram to answer the questions that follow

	A	B	C	D	E	F	G	H
1	**NAME**	**CAT 1**	**CAT 2**	**TOTAL CATS**	**EXAM**	**TOTAL %**	**GRADE**	
2	JOHN	3	12	15	55	70		
3	MARY	4	14	18	64	82		
4	ATIENO	3	13	16	38	54		
5	KAMAU	3	15	18	48	66		
6								
7								

State the formula you would use to

    (I)   Computer the total marks in %   **(3marks)**
    (II)   Grade student following the grading system below
        i.   A above 80%
        ii. B 70 to 79%
        iii. C 60% to 69 %
        iv. Fail below 59   **(6marks)**

Question Four

a) List **three** advantages of using electronic spreadsheet over the manual spreadsheet

(3marks)

b) List **three** components of a spread sheet

(3marks)

c) Explain **three** types of movements in Power point presentation

(6marks)

d) Factors do you put in consideration when purchasing printer use in a media firm

(4marks)

e) What should u put in consideration when creating a presentation   **(4marks)**