ALUPE UNIVERSITY COLLEGE

...Bastion of Knowledge...

P.O.Box 845-50400 Busia(K)
principal@auc.ac.ke
Tel: +254 741 217 185
+254 736 044 469
off Busia-Malaba road

OFFICE OF THE DEPUTY PRINCIPAL
ACADEMICS, STUDENT AFFAIRS AND RESEARCH

UNIVERSITY EXAMINATIONS
2017 /2018 ACADEMIC YEAR

FIRST YEAR SECOND SEMESTER REGULAR EXAMINATION

FOR THE DEGREE OF BACHELOR
HOTEL AND HOSPITALITY MANAGEMENT

COURSE CODE: BHM 115

COURSE TITLE: INTRODUCTION TO COMPUTER
APPLICATIONS.

DATE: APRIL 20TH 2018   **TIME: 2 PM – 5 PM**

INSTRUCTION TO CANDIDATES

- **SEE INSIDE**

THIS PAPER CONSISTS OF 3 PRINTED PAGES   **PLEASE TURN OVER**

BHM 115: INTRODUCTION TO COMPUTER APPLICATIONS.

STREAM: BMH   **DURATION: 3 Hours**

INSTRUCTIONS TO CANDIDATES

  i.   *Answer Question **ONE** and any other **TWO** questions*

  ii.   *Question ONE carries 30 marks*

  iii. *Do not write on the question paper*

Question One

a) Evaluate the components of computerized Information System   (6Marks)

b) Computers are perhaps, the best invention by man so far. They have impacted the society in different sectors. Explain the impact of computers in the following areas.   (8Marks)

  i.   Health

  ii.   Education

  iii. Commerce

  iv.   Politics

c) Describe with illustrations the THREE common database models   (6Marks)

d) Today people rely on computers to create, store, and manage critical information. It is also important to protect our computers from breaches of security and security risk. Discuss any five security measures that can be taken to ward off possible danger or damage   (10Marks)

Question Two

a) Name any five features of spreadsheets (cell content or spreadsheet structure) other than the ability to deal with text and numbers.   (5Marks)

b) You have been appointed to give a briefing on netttiquette to a group of new members of your staff. Explain the contents of your briefing.   (5Marks)

c) Elaborate on any FOUR sources of threats to Information System security.   (4Marks)

d) Differentiate between a LAN and a WAN and MAN   as computer networks   (6Marks)

Question Three

a) A Trader has financial results for three years for his business. These results of the last three years are stored in this spreadsheet.

	A	B	C
1	YEAR		% of sales increase
2	2013		89.4
3	2014		92.3
4	2015		94.6

Required: Explain how the trader will present the figures in a form of graph   (5Marks)

b) Explain THREE ways on how technology has threatened our privacy   (5Marks)

c) Explain five advantages of using application software for your department?

Question Four

a) Cut, copy are editing tools available in Microsoft Excel, name the keyboard shortcuts for the cut copy and paste   (6Marks)

    i.   Cut

   ii.   Copy

  iii.   Paste

b) Explain Primary key and Foreign key as used in database management systems   (4Marks)

c) What do the following acronyms stand for?   (2 Marks)

    (a) ASCII

    (b) EBCDIC

d) What is difference between Dynamic RAM and Static RAM?   (Marks 4)

e) Explain, how memories can be classified?   (Marks 4)

Question Five

a) Briefly describe four types of semiconductor memories in a computer system   (8Marks)

b) Explain the features of software and hardware as used information technology (IT) hardware

and software   (6Marks)

c) Write short notes on the following: (6 Marks)

    i.   Data bus

    ii.   Address bus

    iii.   Control bus

****