



**UNIVERSITY EXAMINATION: 2012/2013**  
**SCHOOL OF BUSINESS AND ECONOMICS**  
**EXAMINATION FOR THE BACHELOR HUMAN RESOURCE**  
**HBT 2105: FOUNDATION OF COMPUTER SYSTEM**

**DATE: AUGUST 2013**

**TIME: 2 HOURS**

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**INSTRUCTIONS: Answer question one and any other two questions**

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**Question One**

- a. Define the following terms - used in computing.
- (i) Software
  - (ii) Data
  - (iii) Information
  - (iv) Peripherals
  - (v) Device drivers
- (5 marks)
- b. Briefly discuss the FOUR foundation for which computer are classified. (8 marks)
- c. State the function of recycle bin. (2 marks)
- d. Define the term booting and describe the boot types. (5 marks)
- e. Define the term computer virus. (2 marks)
- f. State any FOUR ways of virus propagation and FOUR measures to keep virus at bay. (8 marks)

## Question Two

a. Describe the importance of the following terms in database design.

- (i) Primary key
- (ii) Field
- (iii) Record
- (iv) Relationship
- (v) File

(10 marks)

b. Discuss any FIVE data types define by Ms Access Database management system. (10 marks)

## Question Three

a. Describe the function of the following tools as used in word processing;

- (i) Spell check
- (ii) Thesaurus
- (iii) Macro
- (iv) Word count
- (v) Find and replace

b. State what is returned by the following functions in spread sheet.

- (i) Spread sheet
- (ii) Sam (Range)                      Min (Range)
- (iii) Average (Range)                MT( rate, npe,pr,fr,type)
- (iv) Max (Range)

(10 marks)

## Question Four

a. Describe the importance of the following components in the system booting context.

- (i) BIOS    (ii) POST    (iii) CMOS

(10 marks)

b. Describe the main components of system CPU.

(10 marks)

## Question Five

a. Define the term operating system

( 2 marks)

b. List the importance of the operating system.

(4 marks)

c. Differentiate between RAM and ROM.

(6 marks)

d. Define the term networking and state two type.

(6 marks)

e. State the difference between BIT and Byte.

(2 marks)