

DBM 01

File



**ALUPE UNIVERSITY  
COLLEGE**

*...Bastion of Knowledge...*

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OFFICE OF THE DEPUTY PRINCIPAL

ACADEMICS, RESEARCH AND STUDENTS' AFFAIRS

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# UNIVERSITY EXAMINATIONS

## 2018 /2019 ACADEMIC YEAR

SECOND YEAR FIRST SEMESTER REGULAR EXAMINATION

**FOR THE DIPLOMA IN BUSINESS**

**MANAGEMENT**

**COURSE CODE: DBM 01**

**COURSE TITLE: COMPUTER APPLICATIONS**

**DATE:17/12/2018**

**TIME: 9.00 AM -12.00PM**

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### INSTRUCTION TO CANDIDATES

- SEE INSIDE

**THIS PAPER CONSISTS OF 5 PRINTED PAGES**

**PLEASE TURN OVER**

## DBM 01

### DBM 01: COMPUTER APPLICATIONS

STREAM: DBM

DURATION: 3 HOURS

#### INSTRUCTIONS TO CANDIDATES

- i. Answer Question **ONE** and any other **TWO** questions
- ii. Do not write on the question paper

#### Question One

- a) Discuss FOUR types of computer systems according to their size and speed (8marks)
- b) Differentiate between the following: (6 marks)
  - i. Primary memory and secondary memory:
  - ii. Application software and system software
  - iii. Cold booting and warm booting
- c) Give three examples of application and system software (4marks)
  - i. Application software:
  - ii. System software:
- d) Explain the following terms as applied in computer security (6 marks)
  - i. Denial of service attack.
  - ii. Spyware
  - iii. Key logger
- e) Discuss any four moral dimensions of the information age (6 marks)

#### Question Two (

- a) Explain giving two examples of each, the following terms (6marks)
  - i. Software
  - ii. A computer
  - iii. Input devices
- b) Discuss the functions of the random access memory? (3marks)

- c) Explain four major areas where computers are used in the society today (4marks)
- d) Discuss the groupings of the keyboard.
- e) Explain the following terms as used in programming
- i. Variable
  - ii. Array

**Question Three**

- a) Briefly explain the meaning of cache memory (2 marks)
- b) Computers were introduced in the 1940's. Discuss the generation of computers since then up to date. (4 marks)
- c) Outline SIX components mostly found in the graphical user interface (6 marks)
- d) Discus FOUR types of threats in an information system environment (8 marks)

**Question Four**

- a) Outline any two functions of a database in a firm (2 marks)
- b) Explain any three types of computer networks (6 marks)
- c) Give four advantages and four disadvantages of using computers (8marks)
- d) Briefly explain what you understand by the term The internet (2marks)
- e) Explain giving two examples, the meaning of icons in graphical user interfaces (2marks)

**Question Five**

- a) Describe FOUR elements of a computer programme (8marks)
- b) Explain the difference between Dynamic RAM and Static RAM? (4marks)
- c) Give examples of the types of networks available for data communications (8marks)