



**ALUPE UNIVERSITY
COLLEGE**

Bastion of Knowledge...

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OFFICE OF THE DEPUTY PRINCIPAL

ACADEMICS, RESEARCH AND STUDENTS' AFFAIRS

UNIVERSITY EXAMINATIONS

2018 /2019 ACADEMIC YEAR

FIRST YEAR FIRST SEMESTER REGULAR EXAMINATION

FOR THE DIPLOMA IN SOCIAL WORK

COURSE CODE: DAS 102

COURSE TITLE: COMPUTER APPLICATIONS

DATE: 19TH DECEMBER, 2018

TIME: 2.00 PM-5.00 PM

INSTRUCTION TO CANDIDATES

- **SEE INSIDE**

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Instructions to candidates

- i. Answer question one (compulsory) and any other two questions
- ii. Candidates are advised not to write on the question paper

Question one

- a) Define the term computer (1 mark)
- b) List three stages in the evolution of digital computers stating the major technological invention of each. (3 marks)
- c) Define the following terms
 - i. Data
 - ii. Information
 - iii. Softcopy
 - iv. Hard copy
 - v. RAM
 - vi. ROM (6 marks)
- d) Explain five advantages of using computers for processing data. (5 marks)
- e) Outline five document view supported by Ms Word programme in windows (5 marks)

Question two

- a) Explain the classifications of computer software giving examples of each. (10 marks)
- b) List the major classifications of computer systems. (6 marks)
- c) Operating systems can be classified on the basis of user interface. Describe any two types of user interface. (4 marks)

Question three

- a) Differentiate between warm booting and cold booting. (4 marks)
- b) State the major stages in the boot process. (4 marks)
- c) Describe the characteristics of the flash disk that make it preferred to a floppy diskette. (4 marks)

- d) State any four health associated with the use of computer and suggest the solution for each. (8 marks)

Question four

- a) Outline the steps for carrying out the following tasks on a computer running window 7 or 8. (6 marks)

- i. Create a new user account
- ii. Uninstall an application. (8 marks)

- b) Explain the significance of the following emerging trends in computers.

- i. Convergence
- ii. Minimization
- iii. Touch input
- iv. National language input. (8 marks)

- c) State three advantages and disadvantages of using computer. (6 marks)

Question five

- a) Outline four examples of input and output devices in a computer system. (4 marks)

- b) Differentiate between system software and application software. (4 marks)

- c) Outline six characteristics of computers. (6 marks)

- d. Differentiate between:

- i. Micro computer and mini computer. (2 marks)
- ii. Main frame computer and super computer. (2 marks)

- e) Define

- i. Volatile memory. (1 mark)
- ii. None volatile memory. (1 mark)

