ALUPE UNIVERSITY

UNIVERSITY EXAMINATIONS

2024/2025 ACADEMIC YEAR

<u>FIRST</u> YEAR FIRST SEMESTER <u>MAIN</u> EXAMINATION

FOR THE BACHELOR OF SCIENCE IN COMMUNICATION & PUBLIC RELATIONS

COURSE CODE: MSE 101//SAS 102/CMM 112/BBM 111/DAS 102

COURSE TITLE: INTRODUCTION TO COMPUTERS

DATE: 16/01/2025   **TIME: 2.00-5.00PM**

INSTRUCTIONS TO CANDIDATES

- SEE INSIDE
- THIS PAPER CONSISTS OF 3 PRINTED PAGES
- PLEASE TURN OVER

INSTRUCTIONS TO CANDIDATES

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

  ii.   *Maps and diagrams should be used whenever they serve to illustrate the answer.*

 iii.   *Do not write on the question paper.*

Question One

a) Explain the term computer system giving examples   (5 mark)

b)Describe five stages in the evolution of digital computers stating the major technological invention of each.   **(10 marks)**

c)Define the following terms: (12 marks)

    i.   Data

    ii.   Information

   iii.   Soft-copy

   iv.   Hard copy

    v.   RAM

   vi.   ROM

d)Outline three functions of an operating system in a computer system   (3 marks)

Question Two

a)Explain the classifications of computer giving examples of each.   (10 marks)

b) Operating systems can be classified on the basis of user interface. Describe any two types of user interface.   (4 marks)

c) Describe any three examples of the types of networks available for data communications

                                               (6marks)

Question Three

a) Explain three advantages and disadvantages of proprietary software (6marks)

b) Differentiate between Dynamic RAM and Static RAM (4 Marks)

c) Identify the major factors that influence the structure of an information system. (10 Marks)

Question Four

a)Discuss five advantages and five disadvantages of using computers (10 marks)

b)Asses five types of threats in an information system environment (10 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) Discus the functions of the Random Access Memory (3marks)

d) Explain four major areas where computers are used in the society today (4marks)

e) Explain the following terms as used in programming (5 marks)

    i.   Variable:
    ii.   Function:
    iii.   Loop:
    iv.   Conditional Statement
    v.   Array

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