



MUEO

MOI UNIVERSITY

OFFICE OF THE DEPUTY VICE CHANCELLOR
(ACADEMICS, RESEARCH, EXTENSION & STUDENT AFFAIRS)

UNIVERSITY EXAMINATIONS

2022/2023 ACADEMIC YEAR

FIRST YEAR EXAMINATION

FOR THE DEGREE OF

BACHELOR

OF

BUSINESS MANAGEMENT

COURSE CODE: BBM 111/ECF 112/BPM 113/BHR 203

**COURSE TITLE: INTRODUCTION TO COMPUTER
SCIENCE**

DATE: MONDAY-21ST AUGUST, 2023 TIME: 2.00 PM-5.00 PM

INSTRUCTION TO CANDIDATES

- SEE INSIDE.

THIS PAPER CONSISTS OF (2) PRINTED PAGES

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BBM 111 – INTRODUCTION TO COMPUTER SCIENCE

INSTRUCTIONS: Answer question ONE and any other TWO questions

SECTION A- QUESTION ONE IS COMPULSORY (30 MARKS)

Question One:

- a) By using an illustration, describe the main components of a computer system [7 marks]
- b) Discuss any FIVE features/characteristic of a computer system [5 marks]
- c) Differentiate between a *Mainframe* and *Super* computer [2 marks]
- d) By giving examples, describe *Input* and *Output* devices; state their uses/applications [7 marks]
- e) Discuss the main functions of the operating system in a computer [7 marks]
- f) Write a Formula how to add numbers in cell B10 and cell B11 in excel sheet [2 marks]

SECTION B - ANSWER ANY TWO QUESTIONS (20 MARKS)

Question Two:

- a) Identify and describe the characteristics of the following:
 - (i) 1st Generation computers [5marks]
 - (ii) 3rd Generation computers [5marks]
 - (iii) 6th Generation computers [5marks]
- b) Discuss FIVE factors to consider when purchasing a software program [5marks]

Question Three:

- a) Describe the functions of following parts of the Central Processing Unit (CPU):
 - (i) Control Unit [2 marks]
 - (ii) Arithmetic Logic Unit [2 marks]
 - (iii) Main memory unit [2 marks]
- b) Describe by giving examples, the terms '*System software*' and '*Application software*' giving two example in each category [4 marks]

c) Differentiate between *Primary* and *Secondary* memories, in terms of speed, capacity and use in a computer system [5 marks]

d) Describe the main components of computer network and state their role in providing network services [5 marks]

Question Four:

a) Briefly discuss importance of computer network in organizations today [5 marks]

b) Differentiate between the these two terms; '*LAN*' and '*WAN*' [4 marks]

c) Define the following terms:

i. Cloud store [1 mark]

i. Browser [1 mark]

ii. Search engine [1 mark]

d) Discuss any FIVE computer security threats/risks and explain how they can be mitigated [5 marks]

e) Discuss any THREE disadvantages of using computers at work places [3 marks]

Question Five:

a.) Differentiate between '*Hardware*' and '*Software*', giving examples in each category [5 marks]

b.) Discuss the application of Internet technology in modern business organizations today [5 marks]

g) Differentiate between the these two terms; '*Multitasking*' and '*Multiprogramming*' [4 marks]

c.) Discuss the application and uses of Social media platforms in organizations today [6 marks]

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