

CMM 112



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... Bastion of Knowledge...

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OFFICE OF THE DEPUTY PRINCIPAL
ACADEMICS, RESEARCH AND STUDENTS' AFFAIRS

UNIVERSITY EXAMINATIONS

2021 /2022 ACADEMIC YEAR

FIRST YEAR FIRST SEMESTER REGULAR EXAMINATION

BACHELOR OF SCIENCE IN COOMUNICATIONS AND PUBLIC RELATIONS

COURSE CODE:CMM 112

**COURSE TITLE: INTRODUCTION TO INFORMATION
TECHNOLOGY**

DATE: 20/01/2022

TIME: 9.00AM-12.00PM

INSTRUCTION TO CANDIDATES

- SEE INSIDE

THIS PAPER CONSISTS OF 4 PRINTED PAGES

PLEASE TURN OVER

INSTRUCTIONS TO CANDIDATES

- i. Answer **Question ONE** in section A (compulsory) and any other TWO
Do not write on the question paper.

Question One (30 Marks)

- a) Define the following terms as used in computing
- i) Computer (2 Marks)
 - ii) Data Communication (2 Marks)
 - iii) RISC (2 Marks)
 - iv) Search Engine (2 Marks)
- b) List the FOUR advantages and disadvantages of using computers in our society (4marks)
- c) Briefly describe the THREE variations of Read Only Memory (ROM) (3 Marks)
- d) Describe ANY three options available during computer shutdown (3 Marks)
- e) What is Software piracy and why is it illegal? (2 Marks)
- f) What are alphanumeric codes and how are they are used? (2 Marks)
- g) Define the term “Microsoft office suite” (2 Marks)
- h) Differentiate between the two main categories of computer software (2Marks)
- i) Outline Four factors to consider when evaluating a printer? (4 Marks)

Question Two (20 Marks)

- a) Discuss the FIVE generations of computers as outlined in the evolution of computers (10 Marks)

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b) Convert each of the hexadecimal numbers to binary equivalent

- i) 25C (2 marks)
- ii) 45A4 (2 Marks)
- iii) FCB5 (2 Marks)

c) Convert the following decimal numbers to Octal

- i) 1000 (2 Marks)
- ii) 22 (2 Marks)

Question Three (20 Marks)

- a) A standard Keyboard has FIVE groups of keys. Briefly describe each group citing example (10 Marks)
- b) Briefly describe any SIX functions of an Operating System (6 Marks)
- b) Outline FOUR major functions of a mouse as an input device in a computer system (4 Marks)

Question Four (20 Marks)

- a) Define the term “network topology” and with the help of a diagram, explain any FOUR Network Topologies you know. (10 Marks)
- b) Define the term TCP/IP and outline its importance to the internet. (5 Marks)
- c) Briefly describe the main factors to consider before setting up a network (5 Marks)

Question Five (20 Marks)

- a) Describe the process of creating a presentation using Microsoft Powerpoint (4 Marks)
- b) Define the term “Database Management System and describe the steps to be followed when creating a Database (4 Marks)
- c) Microsoft Word is a powerful tool used to create professional looking documents. Explain any six features that make this possible. (6 Marks)
- d) Explain the typical parts of Ms Excel window (6 Marks)