

UGANDA MARTYRS UNIVERSITY

FACULTY OF AGRICULTURE

B. Agriculture and BAEM I Semester II Final Exams: 2020/2021

Course Unit : CPR1101- Introduction to Computers

Date Issued 30th June, 2021

Date and Time of Submission: 30th June, 2021 at 3.30 pm

Instructions:

1. Carefully read through ALL the questions before attempting
2. ***ANSWER FOUR (4) Questions*** (All questions carry equal marks)
3. Answer any 4 of the following 8 questions
4. Save your work in MS Word and the name of your file should be your **REGISTRATION NO.**
5. Do not write your names anywhere on the answer sheets. Use only your registration no.
6. Send your work to dluwaga@umu.ac.ug

Question One (25 Marks)

- a) Your classmate is arguing that as a Journalism/Agriculture Student it is useless to study computer literacy. Give reasons to prove that your classmate is wrong. (10 Marks)
- b) If you were to tabulate students' marks and determine their totals and averages, would you use a word processing programme or spreadsheet programme. Justify your choice. (10 Marks)
- c) Describe the merits of using word processing software in lieu of the traditional type writers (5 Marks)

Question Two (25 Marks)

- a) UMU has employed you to work in the Registry Department, Explain in detail how you would use the knowledge of the information processing cycle while admitting students (15 Marks)
- b) You are required to theoretically describe the practical methodology of designing a standard payroll using any spreadsheets software. (10 Marks)

Question Three (25 Marks)

- a) Very often computer novices tend to confuse RAM and ROM. Prove that you can't be prey to this confusion
(10 Marks)
- b) A storage device has a capacity of 10 Gigabytes;
 - i. How many megabytes does the hard disk have? (3 Marks)
 - ii. How many kilobytes does it have? (3 Marks)
 - iii. How many bits does it have? (4 Marks)

Question Four (25 Marks)

- a) Present 5 cases of situations where;
 - i. Software is culprit (Source of problems) (5 Marks)
 - ii. Hard ware is culprit (source of problems) (5 Marks)
- b) Provide working remedies (solutions) to each case of the situation given above (10 Marks)
- c) Justify why you would recommend Windows or Linux to a friend who wants to install an operating system (5 Marks)

Question Five (25 Marks)

- a) A network is the connection of computers and other devices to share resources. What type of network would you install at your homestead and why? (10 Marks)
- b) The Computer Misuse Act offers provisions for the safety and security of electronic transactions and information systems; to prevent unlawful access, abuse or misuse of information systems including computers and to make provisions for securing the conduct of electronic transactions in a trustworthy electronic environment and to provide for other related matters. As a compliant computer user, explain how you would put all these provisions into consideration (10 Marks)
- c) Explain some of the security risks associated with communication over a network (5 Marks)

END