



Strathmore
UNIVERSITY

SCHOOL OF HUMANITIES & SOCIAL SCIENCES

**BACHELOR OF ARTS IN INTERNATIONAL STUDIES
BACHELOR OF ARTS IN COMMUNICATION
BACHELOR OF ARTS IN PHILOSOPHY & DEVELOPMENT STUDIES**

BBT 1101: FUNDAMENTALS OF ICT

Date: Monday 28th October 2019

Time: 10:30 – 12:30

Instructions: Answer QUESTION 1 and ANY OTHER THREE (3) QUESTIONS

Q1 (COMPULSORY). (15 Marks)

You need to buy a new laptop after your previous one was stolen.

- a) What ten considerations would you list down
- b) What (at least 5) laptop specifications would you look for on a gadget offered for sale to fit your considerations
- c) Give a reason for each of the specs you have listed

Q2. (15 Marks)

A friend of yours says that there is no real difference between using a computer that has an OS that is Windows 7 compared to Windows 10. She says that what you need to worry about is ROM, RAM and the type of Processor.

- a) Explain clearly what you understand by OS, ROM, RAM and processor. (8m)
- b) Explain in what ways she may be right and in what other ways she may be wrong (7m)

Q3. (15 Marks)

Musyoka says "I believe in carrying with me all my notes wherever I go, in a flash disk, so that I can study anytime anywhere." Suggest to Musyoka a better approach for his notes, mention two examples of that better approach, clearly explaining why it is a better method. Briefly explain the "Google Ecosystem" and mention one alternative to Google.

Q4. (15 Marks)

"Life in the year 2025 and beyond will be greatly influenced by IoT, Bots, and AI." Evaluate this statement.

Q5. (15 Marks)

Your friend has noticed that you frequently use the app called KEEP for your studies at the university, and you are also very interested in podcasts. Briefly explain to your friend:

- a) What she can do with KEEP (or a KEEP alternative) and with podcasts to help her as a student. (8 marks)
- b) How she can immediately get started on KEEP and podcasts (7 marks)

Q6. (15 Marks).

You have been invited to your former secondary school to speak to the students about the dangers that come with digital life. Specifically, they have asked you to give practical tips on how to handle addiction, plagiarism, narcissism, filter bubbles, and fake news. Write down short notes in point format which you will use as the basis of your speech.