



EAST

KAG EAST UNIVERSITY

EXAMINATIONS

KITENGELA CAMPUS

FIRST SEMESTER, 2025/2026 ACADEMIC YEAR

SECOND YEAR EXAMINATION FOR THE DEGREE OF BACHELOR OF EDUCATION

(ARTS), COUNSELLING PSYCHOLOGY, BUSINESS ADMINISTRATION &

COMMUNITY DEVELOPMENT

UCC 1143: INFORMATION DIGITAL LITERACY

STREAM: B/ED, BCOP, BBAD, BACD

TIME: 2 HOURS

EXAMINATION SESSION: DEC 2025

YEAR: 2025

DAY:

DATE:

INSTRUCTIONS:

1. Attempt ALL the questions in **Section A**
 2. Attempt any **Two** questions in **Section B**
 3. The entire exam is worth sixty (40) marks.
 4. Write **ONLY** on the space provided on the answer sheet or as otherwise instructed.
 5. Where necessary Show your working clearly.
 6. Do **NOT** attempt to access any library, online (audio, video, digital or electronic) or paper-based (written), sources for your answers unless this is clearly advised in the Question.
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SECTION A (20 MARKS)

QUESTION ONE (30 Marks)

- a) List any four input devices and four output devices. (4 Marks)
- b) Outline six types of application software packages. (6 Marks)
- c) Explain the following terms
- i) Information (2 Marks)
 - ii) computer (2 Marks)
 - iii) Software (2 Marks)
 - iv) Hardware (2 Marks)
 - v) RAM (2 Marks)

SECTION B: (20 MARKS)

QUESTION TWO

- a) Explain the advantages of computers. (5 Marks)
- b) State and explain any FIVE factors to be considered before purchasing computers. (5 Marks)

QUESTION THREE

- a) Differentiate between the following
- i) Special purpose and general purpose software (1 Marks)
 - ii) System software and application software (1 Marks)
- b) Explain two uses of spreadsheets application package. (2Marks)
- c) Describe the classification of computers according to price size and capability. (6 Marks)

QUESTION FOUR

A small retail shop called DAMA expo recently introduced computers for sales, inventory management, and accounting. The owner uses a desktop computer with accounting software to track expenses and profits. The shop assistants use point-of-sale (POS) terminals connected to a central database.

Questions:

- i. Explain how computers contribute to better decision-making in this business (2marks)
- ii. Differentiate between the types of computers and software used by the shop owner and the assistants 3marks
- iii. Discuss how data backup and system maintenance should be managed. (3marks)
- iv. Identify any ethical or security issues that may arise in using computerized business systems, (2 marks)

QUESTION FIVE

Employees at BrightTech Company have been complaining that their office computers are running slowly. The IT department discovers that most of the systems are still using older dual-core CPUs, while the company's new accounting and data analysis software requires at least a quad-core processor with higher clock speed.

Questions:

- i. Identify and explain the main functions of the CPU in a computer system, (5marks)
- ii. Discuss how CPU speed and core count affect system performance in this case, (2marks)
- iii. Suggest hardware or software upgrades that could improve performance. (3 marks)