



NATIONAL OPEN UNIVERSITY OF NIGERIA,
University Village Plot 91, Cadastral Zone,
Nnamdi Azikiwe Express Way Jabi, Abjua
Faculty of Education
Department of Human Kinetics and Health Education
2025_2 EXAMINATIONS

Course Code: HED 326

Course Title: Computer in Health Education

Credit Unit: 2CR

Time Allowed: 2HOURS

Instruction: Answer question one (1) and any other two (2) questions

1. 1a. Define a computer. (2 marks)
- 1b. Discuss the four (4) main categories of computers based on their generations, providing examples for each. (16 marks)
- 1c.
 - i. What are digital computers? (3 marks)
 - ii. List and explain three (3) advantages and three (3) disadvantages of digital computers. (9 marks)
- 2a. Describe the following classifications of computers by their tasks:
 - i. Embedded systems
 - ii. General-purpose systems
 - iii. Special-purpose systems (12 marks)
- 2b. Differentiate between mainframe computers and microcomputers. (8 marks)
- 3a. Explain the following components of a computer system:
 - i. Primary Memory
 - ii. Secondary Memory
 - iii. Central Processing Unit (CPU) (6 marks)
- 3b. Define and differentiate between:
 - i. Hardware
 - ii. Software
 - iii. System Software
 - iv. Application Software (14 marks)

- 4a. List three (3) application software packages useful in the field of Health Education. (6 marks)
- 4b. Outline five (5) advantages of using computers. (10 marks)
- 4c. Name four (4) output devices used with computers. (4 marks)
- 5a. Explain the significance of using computers in Health Education. (8 marks)
- 5b. Describe the negative health consequences associated with computer technology. (8 marks)
- 5c. List four (4) types of computer viruses. (4 marks)