Candidate's Index Number
FSCE bJHS 22 (0074
Signature:

UNIVERSITY OF CAPE COAST
COLLEGE OF EDUCATION STUDIES
SCHOOL OF EDUCATIONAL DEVELOPMENT AND OUTREACH
INSTITUTE OF EDUCATION

COLLEGES OF EDUCATION
FOUR-YEAR BACHELOR OF EDUCATION (B.ED)
FIRST YEAR, END-OF-FIRST-SEMESTER EXAMINATION, MAY/JUNE 2023

30TH MAY 2023   FUNDAMENTALS OF IT EDUCATION   9:30 AM – 11:00 AM

SECTION B
[40 MARKS]

Answer any TWO questions from this Section.

1.
   a. i.   What is multimedia?   [2 marks]
       ii. Discuss **four** features of a computer that makes it a powerful device.   [8 marks]

   b. As an IT teacher, discuss **five** factors you will consider when buying a printer for your school.   [5 marks]

   c. i.   What is the difference between delete key and backspace key?   [2 marks]
       ii. List **three** factors that determine the quality/clarity of a monitor.   [3 marks]

2.
   a. Explain the terms :   [6 marks]
       i.   Data literacy
       ii. Media literacy

   b. Discuss **three** ways through which a teacher facilitates the development of digital literacy skills.   [6 marks]

   c. Describe any four reasons why software piracy is considered a serious offence.   [8 marks]

3.

    a.   Explain the following terms as used in IT Education:

         i.   software piracy   **[2 marks]**

        ii.   acceptable use policy   **[2 marks]**

        iii.   green computing   **[2 marks]**

    b.   What do you understand by the term

         i.   Ergonomics?   **[2 marks]**

        ii.   Cyberbullying?   **[2 marks]**

    c.   Describe any **three** precautionary measures you will take to reduce each of the following while working on a computer: **[10 marks]**

         i.   Carpal Tunnel syndrome

        ii.   Eye strain