NATIONAL OPEN UNIVERSITY OF NIGERIA
PLOT 91, CADESTRAL ZONE, NNAMDI AZIKWE EXPRESS WAY, JABI-ABUJA
FACULTY OF EDUCATION
2021_2 EXAMINATION₄₅₆₇

COURSE CODE: **EDU758**
COURSE TITLE: **COMPUTER EDUCATION METHODS**
CREDIT UNITS: **2 UNITS**
TIME ALLOWED: **2 HOURS**
INSTRUCTION: **ANSWER QUESTION ONE (1) AND ANY OTHER TWO (2) QUESTIONS**

1a.   Define Computer   **4 marks**

1b.   Considering (i.) Technology used and the (ii.) Programming Language, differentiate between:
        (i)   First and Second generation Computers;
        (ii)   Second and third generation Computers;
        (iii)   Third and fourth generation Computers.   **12 marks**

1c.   Developing a scheme of work for the teaching of Computer Science requires following some steps, what are these steps?   **14 Marks**

2a.   Classify the following devices into Input and Output devices: Mouse, Monitor, Light pen, Printer, Microfilm, Joy stick, Speaker, Keyboard.   **8 marks**

2b.   Highlight and briefly explain six (6) hindrances to computer application in the classroom.
                                           12 marks

3a.   What is Internet.   – **4 Marks**

3b.   Enumerate seven (7) benefits of the Internet   - **7 Marks**

3c.   What are some of the shortcomings of the Internet? Supply at least three (3) -   **3 Marks**

3d.   Give the full meaning of each of the following terms related to the Internet
    (i)ARPA (ii) WWW (iii) ISP (iv) HTML (v) URL (E-mail) - **6 Marks**

4a. A good lesson plan is made up of several components. List out at least five (5) of such components and explain each of them through illustration with a topic in the secondary school Computer Science Curriculum.   **20marks**