



NATIONAL OPEN UNIVERSITY OF NIGERIA
91 Cadastral Zone, Nnamdi Azikiwe Expressway, Jabi, Abuja
FACULTY OF EDUCATION

COURSE CODE: EDU758
COURSE TITLE: COMPUTER METHODS
CREDIT UNIT: 2
TIME ALLOWED: 2HOURS
INSTRUCTION: ANSWER QUESTION ONE AND ANY OTHER TWO

1. a. Name and define the first device used for counting 4 Marks

b. Distinguish vividly, between the first and second generation computers using the under listed parameters
(i) Technology used; (ii) Programming Language used;
(iii) Reliability; (iv) Size 16 Marks

c. Highlight and briefly discuss in at most Two (2) sentences each, Three (3) problems associated with Computer Science Education in Nigerian schools. 10 Marks
2. a. Enumerate Three (3) early non-mechanical counting aids 3 Marks
b. Discuss the steps used to multiply numbers between 5 and 10 using fingers – 9 Marks
c. Use the steps in b. above to multiply the number 7 by 8 using fingers - 8 Marks
3. a. Discuss the following two forms of instructional roles assumed by the Computer in the classroom.
(i) Computer managed instruction - 5 Marks
(ii) Computer assisted instruction - 5 Marks

b. Highlight and discuss at least Four (4) teaching capacities of the computer that could be practically exploited to achieve great educational effectiveness. 10 Marks
4. “The computer cannot totally replace the teacher, since the teacher shall continue to play the major roles of information deliverer and learning environment controller”. Justify the quotation above 20 Marks