



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**PLOT 91, CADESTRAL ZONE, NNAMDI AZIKWE EXPRESS WAY, JABI-ABUJA**  
**FACULTY OF EDUCATION**  
**2021\_1**

**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

- 1(a.) Justify the reason for studying History of Computer.. **4 ½ marks**
- (b.) Name and briefly describe the first device used for counting . **5 ½ marks**
- (c.) Give a brief discussion of the concept “Syllabus”. **- 10 Marks**
- (d.) Justify the use of scheme of work in the teaching and learning of Computer Science in the secondary school. **- 10 marks**
2. (a.) Give a brief description of any three of the following early Mechanical Counting aids
- (i.) Napier’s Bones
  - (ii) Pascaline
  - (iii) Jacquard Loom
  - (iv) The Stepped Reckoner
  - (v.) Information Processing Devices **12 marks**
- (b.) How is System Software different from Application Software? **8 marks**
3. “Computer-Based Learning” is better than “Face to Face”. Discuss, using at least ten (10) points to support this position **20 marks**
4. Discuss the various levels of programming languages **20 marks**