


NATIONAL OPEN UNIVERSITY OF NIGERIA
PLOT 91, CADESTRAL ZONE, NNAMDI AZIKWE EXPRESS WAY, JABI-ABUJA
FACULTY OF EDUCATION
POSTGRADUATE EXAMINATION
2023_2 EXAMINATIONS

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

- 1a. Discuss the following terms involved in the process of teaching and learning of Computer
(i) Syllabus (ii) Scheme of work **10 Marks**
- 1b. In the preparation of a lesson plan, some features must be present. Highlight any ten of such features **10 Marks**
- 1c. Of what essence is scheme of work in the teaching and learning of Computer Science? **10 Marks**
- 2a. Justify the need for output devices in a Computer System **6 Marks**
- 2b. Briefly discuss the functions of output devices in a Computer System. **6 Marks**
- 2c. How does the of a monitor differ from that of a printer? **8 Marks**
3. In the early years, before the advent of the first counting device, human finger was one of the aids used for counting. It was also used for some arithmetic operations, including multiplication of numbers between 5 and 10.
- (i) Describe the steps used in multiplying numbers between 5 and 10 with the use of fingers **10 Marks**
- (ii) Apply the steps described in (i) above to multiply 7 by 8. **10 Marks**
- 4a. Computer aided learning has been adjudged to be clearly different from the normal face to face method. Highlight eight of such differences. **8 Marks**
- 4b. Describe a Computer Professional. **2 Marks**
- 4c. Computer professionals can be grouped into different categories based on their works. Highlight and briefly discuss any three of such groups. **10 Marks**