



NATIONAL OPEN UNIVERSITY OF NIGERIA
PLOT 91, CADASTRAL ZONE, NNAMDI AZIKIWE EXPRESSWAY, JABI-ABUJA
FACULTY OF SCIENCES
DEPARTMENT OF COMPUTER SCIENCE
2024 1 EXAMINATION

COURSE CODE: CIT401
COURSE TITLE: ORGANIZATION OF PROGRAMMING LANGUAGES
CREDIT UNIT: 3
TIME ALLOWED : 2¹/₂ HRS
INSTRUCTION: ANSWER QUESTION ONE AND ANY THREE (3)

QUESTIONS

- 1a. Write a short note on the programming language. (5marks)
1b. Discuss Machine language as a class of programming language. (5marks)
1c. Itemise five (5) categories of programming paradigm. (5marks)
1d. Write meaning for the following field descriptors that are used along with the FORMAT statements in FORTRAN (10marks)
- I -
F -
E -
G -
A -
X -
H -
/ -
T -
- 2a. Write a short note on primitive data types. (5marks)
2b. Discuss Assembly language as a class of programming language. (5marks)
2c. Write short note on Input/Output device error. (5marks)
- 3a. Discuss elementary structures of structured programs? (6marks)
3b. Discuss the three components of programming language: syntax, grammar, and semantics. (9marks)
- 4a. Itemise any 5 factors that determined why a programming language is preferred over another. (5marks)
4b. Write a short note on division by zero error (5marks)
4c. Write a short note on Object-Oriented Paradigm (5marks)