



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

2021 EXAMINATION
QUESTIONS

COURSE CODE: CIT736
COURSE TITLE: COMPUTER PROGRAMMING
CREDIT UNIT: 2
TIME ALLOWED: **2HRS**
INSTRUCTION: ANSWER QUESTION ONE AND ANY THREE OTHERS

1. (ai) What is computer programming? (3marks)

(aii) Who is computer programmer? (3marks)

(b) Differentiate between the followings: (i) Machine Language and (ii) Symbolic Language. (4 marks)

(c) What is the difference between REAL and INTEGER data types . (5 marks)

(di) What does the acronym FORTRAN and PASCAL stand for?(5 marks)

(e) List and explain any 5 properties of a good computer program.(5 marks)
2. (a) With the aid of a diagram differentiate between the source program, translation phase, and object program.(10 marks)

(b) Briefly differentiate between the followings:
i. Data types ii. Binary system
(5 marks)
3. (a) Write a program using READ/INPUT statements to compute a student gpa.
(10 marks)
(b) What is a FORMAT statement?(5 marks).
4. State and explain the general form of a computer program main unit (main program).
(15marks)
5. (a) What is the general form of an OPEN Statement? (5 marks)

(b) State the syntax for opening a file for Input and Output. (5 marks each for Input and Output = 10 marks)