



EDO UNIVERSITY, IYAMHO, EDO STATE
FACULTY OF SCIENCE
DEPARTMENT OF ICT/MATHEMATICS.
First Semester Examination, 2016/17 Session

Course Title: Introduction to Computing. **Course Code:** CMP 111
Time allowed: 2 Hours **Instruction:** Answer Any Five Questions **Date:** 5th May, 2017

1. In the classification of computers based on age, identify all the generations of computers, stating clearly the major technological breakthrough for each generation.
2. What is a number system? Mention the number systems supported by the computer architecture.
 - i. Mention and explain the three basic parts of any computing device.
3. Give solutions to the following mathematical operations in binary
 - i. 1011×1010
 - ii. $1011111 - 101011$
 - iii. Convert 0110100 to base eight
4. What is a flowchart?
 - i. Give all the symbols and their meanings of a flowchart
5. Develop an algorithm and a flowchart for the solutions to the following problems
 - i. Finding the roots of a quadratic equation
 - ii. Finding the distance between two points on a Cartesian plane
6. The following are key words in QBASIC programming language, give their meanings
PRINT
LET
INPUT
END
REM
CLS
7. Write a QBASIC program find the volume of a cylinder (The formula for the area of a cylinder is :
 $V = \pi r^2 h$)