



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

Course Title: Microsoft Visual Basic Programming. **Course Code:** CMP 212
Time allowed: 2 Hours **Instruction:** Answer Any Five Questions **Date:** 5th May, 2017

1. Briefly explain the **Toolbox** and the **Properties Window** in Visual Basic 6 Integrated Development Environment.
- b. What are the three general steps involved in building every visual basic application.
2. Write a Visual Basic 6 application that will compute the distance between two points on a Cartesian plane, your application should have a well labelled sketch of the interface.

$$(S = \sqrt{(y_2 - y_1)^2 + (x_2 - x_1)^2})$$

3. Write a visual basic 6 application that will check a user's age and respond based on the following
Your application should say "You are a child" if the age entered is less than 18.
"You are an adult" if the age entered is greater than or equal to 18.
"You are a senior citizen" if the age entered is greater than 65.

4. An Application in in Visual Basic 6 is made up of the following:
 - a.
 - b.
 - c.
 - d.
 - e.
 - f.

5. Write a visual basic 6 application that will compute the roots of a quadratic equation based on the general formula.

6. Illustrate the following as VB6 Expressions

Exponentiation	
Modulus	
Greater than or equal to	
Not equal to	
Equal to	

7. Write short notes on the following:
 - a. Object oriented programming
 - b. Classes
 - c. Objects
 - d. functions