



National Open University of Nigeria, University Village Plot 91 Cadastral Zone,

NnamdiAzikiwe Express Way, Jabi, Abuja

Faculty of Sciences

CIT 467 – Visual Programming Language (3 Credits)
The total mark is 70 and each question carries 14 marks.

Answer any 5 Questions. Time : 2 ½ Hours

1(a) Write Short notes on the following:

- (i) VIPR
- (ii) Prograph
- (iii) ARK

(2 marks each)

1(b) Outline four (4) types of VPL (4 marks)

1(c) Identify four uses of Headings in HTML (4 marks)

2(a) Discuss how URL works and outline the parts (4 marks)

2(b) Describe Tags in HTML and give three (3) examples (6 marks)

2c. Identify four (4) types of VPL (4 marks)

3(a) Describe a hypertext link and list three steps on what happens behind the scenes (4 marks)

3(b) Distinguish three differences between a class and an object (6 marks)

3(c) Outline four benefits of Java (4 marks)

4(a) Why do you Choose Java as a programming Language? (4 marks)

4(b) Write short notes on the following

- (i) Arithmetic Operators in Java Programming language.
 - (ii) The increment operator
 - (iii) Unary and binary operators
- (2 marks each)

4(c) Evaluate the following in Java Programming Language:

- (i) 39 % 4
- (ii) 12* 5++

(iii) 27++

(iv) -55

(4 marks)

5(a). Explain four (4) things you can do with HTML (4 marks)

5(b). Identify and explain three (3) features of OOP (6 marks)

5c. Outline four (4) examples of OOPL (4 marks)

6(a) Explain the term “Visual Programming Language” (4 marks)

6(b) Outline four (4) areas where OOP can be applied (4 marks)

6(c) List and explain three (3) uses of markup tags (6 marks)