NATIONAL OPEN UNIVERSITY OF NIGERIA
14-16 AHMADU BELLO WAY, VICTORIA ISLAND, LAGOS
SCHOOL OF SCIENCE AND TECHNOLOGY
JANUARY/FEBRUARY 2013 EXAMINATION

CIT 467 –   Visual Programming Language (3 Credits)

Total mark is 70 and each question carries 14 marks.

Answer 5 Questions in 3.00 Hours.

1a. How would you explain Visual Programming Language to a layman? (3 marks)
1b. Give the full meaning of the following acronyms? (8 marks)
   (i) ARK
   (ii) GUI
   (iii) VIPR
   (iv) VEX
   (v) SGML
   (vi) W3C
   (vii) ADTs
   (viii) JVM
        (1 mark each)
1c. List three (3) examples of VPL (3 marks)

2a. Define an Icon in your own words (2 marks)
2b. List and explain any two Analysis of Visual Programming Languages (8 marks)

2c. List four (4) examples of Object-Oriented Programming Language (4 marks)

3a. How would you explain Object-Oriented Programming to a layman (2 marks)
3b. List four (4) areas of application of OOP (4 marks)
3c. List four (4) advantages of Object-Oriented Programming (8 marks)

4a. What is hypertext link? (3 marks)

4b. . List any five (5) steps on how to create a hyperlink (5 marks)
4c. List any three (3) types of VPL (6 marks)

5a. Describe headings in HTML (3 marks)
5b. Describe how to create lists within lists in HTML (5 marks)
5c. List three (3) uses of Markup tags (6 marks)

6a. Mention three differences between a class and an object (6 marks)
6b. List three (3) features of OOP (3 marks)
6c. Differentiate between IF-THEN and IF-THEN-ELSE Statements (5marks)

7a. What is Java? (2 marks)
7b. List and explain three uses of Java (6 marks)

7c. List any three benefits of Java (6 marks)