NATIONAL OPEN UNIVERSITY OF NIGERIA
14-16 AHMADU BELLO WAY, VICTORIA ISLAND LAGOS
SCHOOL OF SCIENCE AND TECHNOLOGY
MARCH/APRIL 2015 EXAMINATION

SCHOOL OF SCIENCE AND TECHNOLOGY

Course Code: **CIT 832**
Course Title: **INTRODUCTION TO OPERATING SYSTEMS AND**
                         NETWORKING MANAGEMENT

Instruction: Answer Any Four Questions

Time Allowed: 2 Hours   **Course Unit: 2**

1.   Define the following terms:

        i   Windows   *3 marks*
        ii   Icon   *3 marks*
        iii   API   *4 ½ marks*
        iv   Worms   *3 marks*
        v   Kernel   *4*
marks

2a.   Explain what is meant by the Windows 2000 domain.   6 ½ marks
 b.   State three advantages of Windows 2000 domains.   6 marks
 c.   List the components of the logical structure of a domain.   5 marks

3a.   What is a system call?   4
marks
  b.   List three of the basic design issues in distributed operating systems?
            6 marks
  c.   State the basic difference between network operating systems and
        distributed operating systems.
            7 ½ marks

4a.   Outline the DNS concept.   4 ½
marks
 b.   State four DNS design goals.   8 marks
  c.   Explain the fundamental property of the DNS.   5
marks

5a.   Explain what is meant by communication protocol
        4 marks

b.   A protocol defines three aspects of communication. Outline them.
     9 marks

c.   List the classification of computer networks by geographical area.
     4 ½ marks

6a. List three advantages and two disadvantages of an optical fiber.
     5 marks

b.   Explain Infrared (IR) transmission and state three of its advantages.
     6 ½ marks

c.   List the four basic types of guided transmission media.
     6 marks