NATIONAL OPEN UNIVERSITY OF NIGERIA

PLOT 91, CADASTRAL ZONE, NNAMDI AZIKIWE EXPRESS WAY, JABI, ABUJA

FACULTY OF SCIENCES

2021_1 EXAMINATION

COURSE CODE: CIT 832

COURSE TITLE: INTRODUCTION TO OPERATING SYSTEM AND NETWORKING MANAGEMENT

CREDIT: 2 UNITS

TIME ALLOWED: 2 HOURS

INSTRUCTION: ANSWER QUESTION ONE (1) AND ANY OTHER THREE (3)

Question 1

(a). Describe the any three (3) common features of GUI **(3marks)**
(b(i). Identify the primary means of communication peculiar with the early computers (**1mark**)
   (ii). Describe its two (2) characteristics as discussed in your study material **(4marks)**
(c). Outline the memory management subsystems.   **(3marks)**
(d). Identify any three (3) attributes of Device drivers in Linux **(3 marks)**
(e). Explain any two (2) features of windows 2000 network support **(2 marks)**
(f). Describe the term Computer Security (3marks)
(g). Identify and differentiate the two (2) categories of computer security **(3marks)**
(h). Outline and explain the two (2) basic types of threats **(3marks)**

Question 2

(a). Discuss any four (4) utilities provided by the Macintosh GUI **(8marks)**
b(i). Describe the operation of a virtual machine multiprogramming **(3marks)**
(ii). Explain any two (2) advantages of a virtual machine **(4marks)**

Question 3

   a. One of the features of a Linux is its "stable ability". Justify **(6marks)**
   b. (i). explain the term "driver"?   **(2mark)**
      (ii). Discuss any three drawbacks of Linux **(7marks)**

Question 4

(a). Enumerate any four (4) attributes of a Kernel **(6marks)**

b(i). Identify the default protocol in windows 2000 and describe its function **(4marks)**

 (ii). Outline any five (5) advantages of (i) above **(5marks)**

Question 5

(a). using appropriate steps, demonstrate how FAT or FAT32 partitions can be converted to NTFS **(5marks)**

(b). Write short note on the following:

   (i) Boot Sector Viruses **(2marks)**
  (ii). File Infectors **(2marks)**
 (iii). Macro Viruses **(2marks)**
 (iv). Multipartite Viruses **(2marks)**
 (v). Polymorphic viruses**. (2marks)**