NATIONAL OPEN UNIVERSITY OF NIGERIA

University Village, Plot 91, Cadastral Zone, Nnamdi Azikiwe Express Way, Jabi, Abuja

Faculty of Science and Technology

2 Credit Units

CIT 832 – INTRODUCTION TO OPERATING SYSTEMS AND NETWORKING MANAGEMENT
Instruction: Answer question 1 and any other three

1a. What is a GUI? (5 marks)

b. What is an operating system?(4 marks)

c. What is a computer Network? Give 2 Examples of a network? (4 marks)

d. What do you understand by packet switching? (2 marks)

e. Outline two features of Memory Management subsystem? (4 marks)

f. List and explain four components of a Kernel? (4 marks)
   causing recently referenced disk data to reside in main memory
g. Identify and explain the major goals of computer security? (2 marks)

2a. List and describe any 6 common graphical user interfaces? (6 marks)

b. List the four major components of a GUI? (4 marks)

c. Explain 5 Benefits of using a windows GUI? (5 marks)

3a. What is the basic difference between Network operating systems
   and Distributed operating systems?   (5 marks)

b. Mention 5 advantages of computer networks? (5 marks)

c.   List the types of Network topologies available in networking and explain any one (1). (5 marks)

4a.   What are the advantages of Mesh topology over other network topologies.
        Advantages of Mesh topology (4 marks)

b.   List all the layers of the OSI model in ascending order. (6 marks)

c.   What is a protocol? (5 marks)

5a.   List and explain 3 types of computer networks. (6 marks)

b.   List and explain 3 types of dataflow. (6 marks)

c.   With the aid of a diagram describe the major components of data communication. (3 marks)