



NATIONAL OPEN UNIVERSITY OF NIGERIA
14-16 AHMADU BELLO WAY, VICTORIA ISLAND LAGOS
SEPTEMBER/OCTOBER 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. Describe four major components of the development environment for most Graphical User Interfaces. 17 ½ marks
2. Briefly explain five benefits of Windows. 17 ½ marks
- 3a. List six basic issues in the design of a traditional operating system. 6 marks
- b. Explain what is meant by a network operating system. 3 marks
- c. List three capabilities of a network operating system. 4 ½ marks
- d. State four primary advantages of distributed systems. 4 marks
- 4a. What is meant by mesh topology? 5 ½ marks
- b. State three advantages and three disadvantages of mesh topology. 9 marks
- c. What are the two primarily architectural models for designing computer networks? 3 marks
- 5a. Describe briefly the two categories into which the seven layers of the OSI reference model can be divided. 8 marks
- b. What is meant by a communication network? 3 ½ marks
- c. Outline the three aspects of communication. 6 marks
- 6a. Define dataflow. 3 ½ marks
- b. Explain, with an example each, the three types of dataflow. 9 marks
- c. List five components or devices that are employed to connect two or more networks together. 5 marks