NATIONAL OPEN UNIVERSITY OF NIGERIA
14-16 AHMADU BELLO WAY, VICTORIA ISLAND LAGOS
SEPTEMBER/OCTOBER 2016 EXAMINATION

SCHOOL OF SCIENCE AND TECHNOLOGY

COURSE CODE: **CIT461**

COURSE TITLE: **Internet Architecture and Communications**

Time: 3 Hours
Instruction: Answer any Four (4) questions.

1a. What is Internet technology?(4.5 Marks)
1b. Highlight the four basic types of Destination-unreachable messages (5 Marks)
1c. Write short note on the four basic types of Destination-unreachable messages (8 Marks)

2a. State the three Component parts of an Electronic mail. (1.5 Marks)
2b. What is Internet Protocol?(4 Marks)
2c. Write short note on any six services that can be provided by TCP.(12 Marks)

3a. State the two primary responsibilities of Internet Protocol. (4 Marks)
3b. Write short note on Transmission Control Protocol (TCP). (4.5 Marks)
3c. Differentiate between Email bombing and Spamming (9 Marks)

4a. Write short note on Hypertext Transfer Protocol (HTTP). (5.5 Marks)
4b. List and write short note on any four Security Concerns within E-Business (12 Marks)

5a. State three Advantages of bridges over routers (4 Marks)
5b. State the three main functions of the Internet Protocol. (6 Marks)
5c. Differentiate between Class A and B of IP Addresses. (7.5 Marks)

6a. Highlight any five useful messages that be generated by ICMPs (7.5 Marks)

6b. List any six services that can be provided by TCP. (10 Marks)