

NATIONAL OPEN UNIVERSITY OF NIGERIA,

**University Village, Plot 91, Cadastral Zone, NnamdiAzikiwe Express Way, Jabi, Abuja**

**FACULTY OF SCIENCES**

JULY 2017 EXAMINATION

Course code: CIT463

Course Title: Introduction To Multimedia Technology

Time: 2 Hours

Instruction: Answer any Four (4) questions.

1a. Explain the term Asynchronous Transfer Mode (ATM). *[10****1/2*** *marks]*

1b. Explain the term Protocol *[7 marks]*

2a. Write a short note on server *[8 marks]*

2b. Write short note on the benefits and challenges of using colour*[9***1/2***marks]*

3a. Define multimedia?*[7****1/2*** *marks]*

3b. Enumerate ten examples of multimedia applications*[10 marks]*

4a. Briefly explain the Star Topology and state it Advantages & Disadvantages *[7****1/2*** *marks]*

4b. Explain at least 5 ways to create a digital image *[10 marks]*

5a. Explain three (3) different areas of digital image processing*[6 marks]*

5b. Differentiate between the Routing and Router *[*11*1/2 marks]*

6a. Explain “Psychoacoustics” *[7****1/2****marks]*

6b. Differentiate between the three (3) classes of software’sand give three (3) examples each

*[10 marks]*