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**NATIONAL OPEN UNIVERSITY OF NIGERIA**

**14-16 AHMADU BELLO WAY, VICTORIA ISLAND LAGOS**

**SEPTEMBER/OCTOBER 2015 EXAMINATION**

**SCHOOL OF SCIENCE AND TECHNOLOGY**

**COURSE CODE: CIT463**

**COURSE TITLE: Introduction to Multimedia Technology**

**Time: 21/2 Hours**

**Instruction: Answer any Four (4) questions.**

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

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

[70 marks in all]