



NATIONAL OPEN UNIVERSITY OF NIGERIA
14/16 AHMADU BELLO WAY, VICTORIA ISLAND, LAGOS
SCHOOL OF SCIENCE AND TECHNOLOGY
MARCH/APRIL 2014 EXAMINATION

COURSE CODE: CIT 463

COURSE TITLE: INTRODUCTION TO MULTIMEDIA TECHNOLOGY

TIME ALLOWED: 2½ HOURS

INSTRUCTION: ANSWER ANY FOUR QUESTIONS IN ALL

- 1a. Explain the term Protocol *[7 marks]*
- 1b. Enumerate ten examples of multimedia applications *[10 marks]*

- 2a. Write a short note on server *[8 marks]*
- 2b. Write short note on the benefits and challenges of using colour *[9½ marks]*

- 3a. Briefly explain the Star Topology and state its Advantages & Disadvantages *[7½ marks]*
- 3b. Explain the term Asynchronous Transfer Mode (ATM). *[10½ marks]*

- 4a. Define multimedia? *[7½ marks]*
- 4b. Differentiate between the three (3) classes of software's and give three (3) examples each *[10 marks]*

- 5a. Explain three (3) different areas of digital image processing *[6 marks]*
- 5b. Differentiate between the Routing and Router *[11½ marks]*

- 6a. Explain "Psychoacoustics" *[7½ marks]*
- 6b. Explain at least 5 ways to create a digital image *[10 marks]*

- 7a. Explain "Video" *[6 marks]*
- 7b. Explain Software and state the functions it performs *[10 marks]*

- 8a. Discuss multicasting *[7½ marks]*
- 8b. Explain the application of multimedia Compression. *[10 marks]*

- 9a. Briefly explain network *[7½ marks]*
- 9b. Describe the two types of network Architecture *[10 marks]*

- 10a. Write brief history of multimedia *[7½ marks]*
- 10b. Name and define any five (5) desirable features of a multimedia system *[10 marks]*

11a. ?????What did you understand by CD storage *[5 marks]*
[70 marks in all]