



NATIONAL OPEN UNIVERSITY OF NIGERIA
14/16, Ahmadu Bello Way, Victoria Island, Lagos

SCHOOL OF SCIENCE AND TECHNOLOGY

COURSE CODE: CIT 463
UNIT: 2

CREDIT

COURSE TITLE: INTRODUCTION TO MULTIMEDIA TECHNOLOGY

TIME: 2¹/₂ HOURS

INSTRUCTION: ANSWER ANY FOUR QUESTIONS IN ALL

- 1a. Explain the term Asynchronous Transfer Mode (ATM).
[8 marks]
- 1b. Write short note on the benefits and challenges of using colour.
[9¹/₂marks]
- 2a. State the Advantages & Disadvantages of Star Topology. *[8¹/₂ marks]*
- 2b. Explain three (3) different areas of digital image processing.
[9 marks]
- 3a. Explain "Psychoacoustics".
[8¹/₂marks]
- 3b. Differentiate between the three (3) classes of software's and give three (3) examples each.
[9 marks]
- 4a. Discuss multicasting. *[7¹/₂ marks]*
- 4b. Explain Software and state the functions it perform. *[10 marks]*
- 5a. Explain the application of multimedia Compression. *[7.5 marks]*
- 5b. Describe the two types of network Architecture.
[10 marks]
- 6a. Write brief history of multimedia.
[7¹/₂marks]
- 6b. Name and define any five (5) desirable features of a multimedia system
[10 marks]

[70 marks in all]