

**NATIONAL OPEN UNIVERSITY OF NIGERIA**

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

**SCHOOL OF SCIENCE AND TECHNOLOGY**

**JUNE/JULY EXAMINATION**

**COURSE CODE: CIT463**

**COURSE TITLE: Introduction to Multimedia Technology (2UNITS)**

**TIME ALLOWED:21/2 HOURS**

**INSTRUCTION: ANSWER ANY FOUR QUESTIONS IN ALL**

1a. What do you understand by CD storage[7.5 marks]

1b. Describe the two types of network Architecture [10 marks]

2a. Explain the different areas of digital image processing

[12 marks]

2b. Write brief history of multimedia [5.5 marks]

3a. Explain “Video” [9 marks]

3b. Write short note on multicasting[7 marks]

4a. Briefly explainnetwork[6.5 marks]

4b. Explain the application of multimedia Compression.[11 marks]

5a. Explain Software and state the functions it perform [9.5 marks]

5b. List 8 desirable features for a multimedia system[8 marks]

6a. State 6 advantages and 3 disadvantages of Star network topology[9 marks]

6b. Differentiate between VoIP and Internet telephony[8.5 marks]

[70 marks in all]