National Open University of Nigeria
Plot 91, Cadastral Zone, Nnamdi Asikiwe Expressway, Jabi – Abuja
Faculty of Sciences
2024_1 EXAMINATION

COURSE CODE: CIT463
COURSE TITLE: Introduction to Multimedia Technology
CREDIT: 3 Units
TIME ALLOWED: 3 Hours
INSTRUCTION: Question ONE (1) is compulsory and answer any other three (3)

QUESTION 1
1a. Explain the concepts of Star Topology in Computer Network
1a. Advantages of Star Topology
Question 1b
Write about PROTOCOL
ATM (Asynchronous transfer Mode)
[TOTAL MARK FOR QUESTION 1 = 25 MARKS]

QUESTION 2
2a) Enumerate any three (3) types of Digital Subscriber Line (DSL) you ever studied.
 b.) Give the features of the following types of TV broadcast:
    i)   Digital Television
    ii)   Cable Television
[15 MARKS]

QUESTION 3
3a. What are the common ways to create or get digital images?
3b Explain the concepts of SERVER
Give a discussion on the BENEFITS AND CHALLENGES OF USING COLOUR
[15 marks]

QUESTION 4
4a. Definition of Multimedia
 ii Highlight 12 Key examples of multimedia applications are:
4b ROUTING AND ROUTER
Ii. APPLICATION SOFTWARE

QUESTION 5
Discuss DIGITAL IMAGE PROCESSING

QUESTION 6
    a)   Distinguish between the different types of network 5 Marks
    b)   Describe the two types of network Architecture. 5 Marks
  c)   State three advantages and disadvantages of the WAN, LAN &MAN Networks 5 Marks