## NATIONAL OPEN UNIVERSITY OF NIGERIA

## Plot 91, Cadastral Zone, Nnamdi Azikiwe Expressway, Jabi, Abuja FACULTY OF SCIENCES

## DEPARTMENT OF COMPUTER SCIENCE MULTIMEDIA TECHNOLOGY

## 2024 I EXAMINATION

RAMME:	B.SC COMPUTER SCIENCE	
COURSE TITTLE: MULTIMEDIA TECHNOLOGY		
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T UNIT(S):	- TITE TO TO THE TOTAL A CONTRACT OF	
ALLOWED:	2.30 MINUTES	co munec (2)
UCTION: AN	SWER QUESTIONS ONE (1) AND ANY OTH	EK THREE (3)
		<b>5</b> 1 <b>1</b>
<ul> <li>a) Explain the process by which human ear hear voices</li> </ul>		5 marks
Explain the	process of image histogram in multimedia	technology
	THE THE HAND CANDINGS AND AND CONTROL OF	5 marks
How can image be analyzed in multimedia system?		15 marks
TION TWO (2	2)	Name the depression of the
) Explain the difference between contrast stretching a		d histogram
		10 marks
What is image restoration?		5 marks
TION THREE	(3)	water all the contract of the
How does n	ioise affects the quality of image and how o	an it be reduced?
		10 marks
What are the applications of image histogram?		5 marks
What are five limitations of a histogram?		5 marks
		5 marks
		2 marks
What is diff	What is difference between image processing and image analysis?	
		3 marks
Define the t	erm image Enhancement	2 marks
List five me	thods of image enhancement	3 marks
Noise in image processing		3 marks
How to reduce noise in image processing?		5 marks
What is the difference between noise and artifact?		2 marks
PIONE PIN TO		
Ambarda and the state of the st	The control of the second	e mandan
what do you understand by audio streaming?		5 marks
	SE CODE: IT UNIT(S): ALLOWED: UCTION: AN FION ONE (1 Explain the Explain the How can im FION TWO (2 Explain the equalization What is ima FION THREE How does n What are th FION FOUR ( What are five Explain what is diff FION FIVE (5) Define the to List five me Noise in ima How to redu What is the	SE TITTLE: MULTIMEDIA TECHNOLOGY SE CODE: CIT 742 IT UNIT(S): 3 UNITS ALLOWED: 2.30 MINUTES RUCTION: ANSWER QUESTIONS ONE (1) AND ANY OTH FION ONE (1) Explain the process by which human ear hear voices Explain the process of image histogram in multimedia How can image be analyzed in multimedia system? FION TWO (2) Explain the difference between contrast stretching an equalization What is image restoration? FION THREE (3) How does noise affects the quality of image and how of the difference of the process of image histogram? FION FOUR (4) What are the applications of image histogram? Explain what you understand by image analysis what are the two types of image analysis? What is difference between image processing and image in image processing and image in image processing.

b) What are the advantages of image histogram?

c) Why do we do image analysis?

5 marks

5 marks