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MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY (MMUST)

UNIVERSITY EXAMINATIONS MAIN CAMPUS

SECOND YEAR SECOND SEMESTER EXAMINATIONS 2021/2022 ACADEMIC YEAR

BACHELOR OF SCIENCE IN COMPUTER SCIENCE FOR THE DEGREE 占の

COURSE CODE:

BCS 226

CLIENT SERVER ARCHITECTURE COURSE TITLE:

8:00a.m-10:00a.m TIME

INSTRUCTIONS TO CANDIDATES

Tuesday 19/04/2022

DATE:

Answer questions ONE and any other TWO questions.

TIME: 2 Hours

MMUST observes ZERO tolerance to examination cheating

This Paper Consists of 3 Printed Pages. Please Turn Over.

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QUESTION ONE (30 MARKS) COMPULSORY

	[4 Mks] [3 Mks] [5 Mks]
d) The School of computing intends to streamline its systems, state and explain three server services they will need.	[6 Mks]
e) Elaborate your understanding of fat and thin in a client/ server architecture f) Elucidate on downsizing and rightsizing	[4 Mks] [2 Mks]
Serviceability and Security?	[4 Mks]
a) Explain the three-layered application architecture	[2 Mks]
QUESTION TWO (20 MARKS)	
	[10 Mks]
b) There are various forces that drive the move to client/server computing. Discuss	[10 Mks]
QUESTION THREE (20 MARKS)	
a) What is client server system development methodology? Explain different phases of System Integration Life-Cycle.	[12 Mks]
b) Discuss the misconceptions on Client/Server Computing	[8 Mks]
QUESTION FOUR (20 MARKS)	
a) State and discuss some of the communication options available for operating intranet [10 Mks]	[10 Mks]
b) What is the future of Client/Server computing in the following technologies: -	[8 Mks]
(ii) Point of Service Technology (POS).	
c) Explain your understanding of a File Transfer Protocol.	[2 Mks]

QUESTION FIVE (20 MARKS)

a) Explain any FOUR trending threats that affect client/server computing today	[8 Mks]
b) Explain the benefits of a web/database system as compared to traditional database	[5 Mks]
approach in client/server	

[7 MKs] Describe the benefits of client server computing managed on a distributed system \hat{c}