The Open University of Sri Lanka
B.Sc. (IT) Degree Programme – 2023/2024
Department of Computer Science
COU 4304 – Computer Architecture
No Book Test 2





Duration: One ho	our only (1 hour)			
Date: 05.05.2024	•		Time: 01.00 p.	m. – 02.00 p.m.
ANSWER ALL	QUESTIONS	IndexNumber:		•••,•••
1. Define the	e term 'software'. (04 Mark	cs)		
2. The IAS of	computer mainly consists o	f four (04) struct	ures. What are they?	(08 marks)
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(09 Marks)

3. Briefly describe the three (03) types of Buses.

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Provide	e four (04	4) importai	nt feature	s of cache me	mory? (	(08 Marks)		

		on cycle state		ł Marks)	
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. What is	the function	on of Arithme	etic and Logic Ui	nit? (05 Marks)	•
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10. What is	the purpose	of swapping	g? (05 Marks)				
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9. List three (03) characteristics of a Von Neumann-based computer. (06 Marks)

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(08	Marks)	•	architecture?	
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13. What are the structural components of the CPU? (08 Marks)

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