

AS Level Biology A H020/01 Breadth in Biology

Question Set 8

	_	ganisms, which he termed a domain. He used his results from studying RNA to rganisms into three distinct groups.	
(a)	(i)	Name the cell component that appears in organisms of all three domains that Woese suggested.	[1]
	(ii)	One of the domains he suggested is called Eukarya.	
		Name the other two domains.	
		1	
		2	[2]
	(iii)	State two defining features of all members of the domain Eukarya.	[2]
(b) Woese carried out a detailed study of RNA		se carried out a detailed study of RNA molecules in order to draw his conclusions.	
	Suggest two ways in which the scientific community are likely to have validated Woese's research.		[2]
			r—1

In 1990, Carl Woese suggested a new top level taxon to the current system of classification

Total Marks for Question Set 8:7



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