

GCSE Biology B (Twenty First Century Science)

J257/02 Depth in Biology (Foundation)

Question Set 13

C	elis	s contain DNA.	
(a	a)	Which two words describe the shape of a DNA molecule?	
		Tick (✓) two boxes.	
		Double	
		Genome	
		Single	
		Helix	
		Triple	
		Nucleus	
(ł	o)	DNA is made from nucleotides.	[2]
		Each nucleotide is made from a common sugar, a phosphate group and one other part.	
		What is the name of the other part? Or base	L4.
(0	c)	Put the structures in the correct order of size, from the largest to the smallest.	[1]
		cell chromosome gene nucleotide nucleus	
		largest Cell	
		nucleus	
		Chromosome	
		gene	
		smallest Mudedide	- 4.
(0	d)	Ali has made this diagram of a bacterium.	[4]
		Nucleus — Cytoplasm DNA — Plasmid	
		There is a mistake in Ali's diagram.	

Identify one mistake in Ali's diagram of a bacterium. Ductena do not have nuclei

Total Marks for Question Set 13: 8 the DNA is free-floating in who plasm.



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