

Question number	Answer					Notes	Marks
	Structure		Organism	If no X s and all ✓ in	3		
		bacteria	fungi	viruses		correct places allow Max 2	
	cell wall	√	$\checkmark$	<b>x</b> ;			
	nucleus	×	~	<b>x</b> ;			
	chloroplast	(√)	×	*;			

Total 3 marks



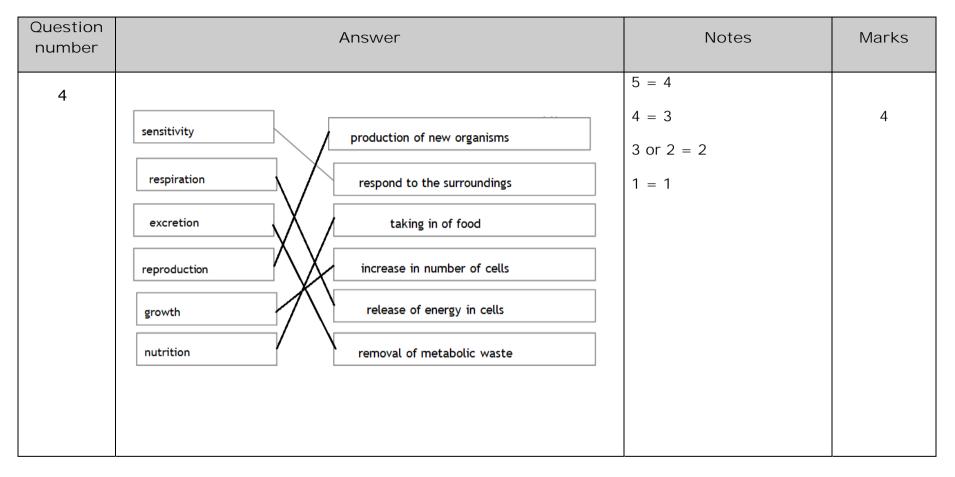
Question number	Answer				Notes	Marks	
2 (a)	Group Fe re					one mark for each correct column	
		Cell wall	Plasmid	Cytoplasm	Nucleus	hybrid cross tick = 0	
	bacteria	✓	✓	(√)	×	empty box = 0	
	fungi	<b>√</b> ;	<b>x</b> ;	$\checkmark$	(√)		
	protoctists	(*)	*)	<b>√</b> ;	✓;		4
(b) ()	virus / eq;					allow named virus allow prion allow nematodes allow helminths	1
(ii)	malaria / dysentery / sleeping sickness / giardiasis / toxoplasmosis / eq;					1	

Total 6 marks



Question number	Answer	Notes	Marks
3 (a)	E; C;		2
(b)	<ol> <li>can be used in the production of beer;</li> <li>cell wall is made of chitin;</li> </ol>	3 ticks max 1 4 ticks or more = 0	2





Total 4 marks



Question number		Notes	Marks			
5 (a)	Group	Can carry out photosynthesis	Have a cell wall ✓	Can be pathogenic ✓	hybrid cross tick = 0 blank = 0	
	fungi viruses		✓ X	✓ ✓	8 = 4 7/6 = 3 5/4 = 2	4
(b)					3/2 = 1 1/0 = 0	
	CharacteristicExample of this processthey require nutritioneating foodthey respirereleasing energy from					
	moveme	nt / eq;	carbohydrate some animals can fly			4
	they contr internal co		blood glucose / /body temperatur osmoregulation	re / sweating /		
	reproduc	æ∕eq;	increase of the pop foxes	oulation of		
	they grow		cells divide / inc size / get bigger height / eq;			



Question number	Answer		Marks
5 (c)	receptor / nerve ending; sensory neurone / sensory nerve; impulse / message / signal; CNS / spinal cord / grey matter; synapse; relay neurone / relay nerve; motor neurone ; muscle / effector; contract;	sensory or motor not in correct order = 0 ignore brain allow intermediate / association;	5
		Total	13

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