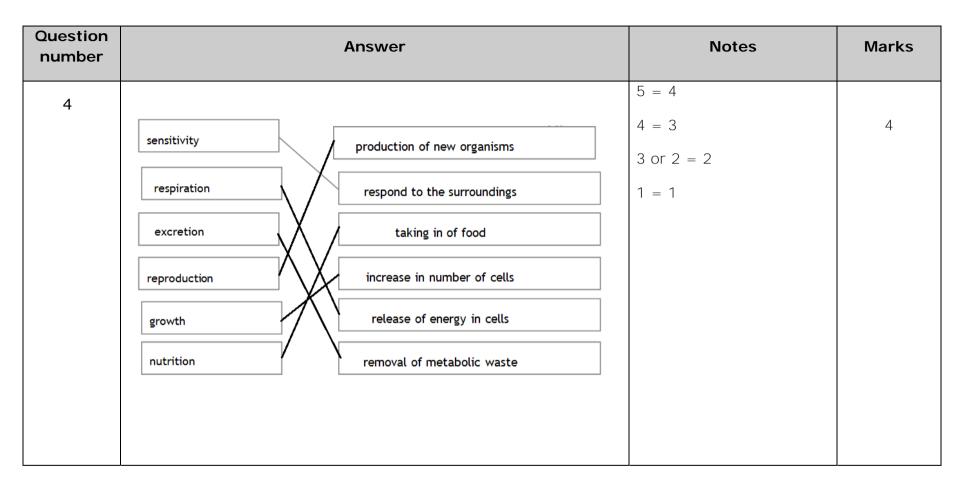
Question number	Answer					Notes	Marks 3
	Structure		Organism		If no X s and all ✓ in	-	
		bacteria	fungi	viruses		correct places allow Max 2	
	cell wall	~	✓	x ;			
	nucleus	×	✓	x ;			
	chloroplast	(✓)	×	*;			
			1	1	1		

Total 3 marks

Question number	Answer				Notes	Marks	
2 (a)	Group Feature				one mark for each		
		Cell wall	Plasmid	Cytoplasm	Nucleus	correct column hybrid cross tick = 0	
	bacteria	~	✓	(√)	×	empty box $= 0$	
	fungi	✓;	*;	×	(✔)		
	protoctists	(*)	*)	✓;	√ ;		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)	 can be used in the production of beer; cell wall is made of chitin; 	3 ticks max 1 4 ticks or more = 0	2



Total 4 marks

Question number	Answer				Notes	Marks
5 (a)	Group bacteria fungi viruses	Can carry out photosynthesis ✓ X X	Have a cell wall ✓ X	Can be pathogenic ✓ ✓	hybrid cross tick = 0 blank = 0 8 = 4 7/6 = 3	4
					5/4 = 2 3/2 = 1 1/0 = 0	
(b)		racteristic ire nutrition	Example of eating food	this process		
	they resp		releasing energy fr carbohydrate some animals can			4
	they cont internal c		blood glucose / blood pressure /body temperature / sweating / osmoregulation / eq;			4
	reproduc	ce ∕ eq;	increase of the pop foxes	oulation of		
	they grow	V	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