

Marking Scheme

1.	Question	Marking details	Marks Available
	Q.2	(a) (i) A cytoplasm; B <u>cell</u> membrane; C <u>cell</u> wall;	3
		(ii) Chloroplast; Photosynthesis;	2
		(iii) Nucleus (allow chloroplast); NOT vacuole	1
	(b)	<u>EM</u> for dead cells/ tissues only;	1
Question Total			[7]

2.	Question			Marking details	Marks available					
					AO1	AO2	AO3	Total	Maths	Prac
	2	(a)				1		1	1	1
		(b)			3			3		3
		(c)	(i)	I		1		1		1
				II		2		2	2	2
			(ii)		1			1		
		(d)			1			1		1
					5	4	0	9	3	8

3.	Question			Marking details	Marks Available					
					AO1	AO2	AO3	Total	Maths	Prac
		(a)			1			1		1
		(b)				2		2	2	1
		(c)					1	1		
		(d)			1			1		1
					2	2	1	5	2	3

4.

Question			Marking details	Marks available					
				AO1	AO2	AO3	Total	Maths	Prac
(a)	(i)		A = Cell membrane (1) B= Vacuole (1)	2			2		
	(ii)		Chloroplast , X (1) Respiration/ releases energy/ produces ATP/ provides energy (1) NOT anaerobic respiration/ produces energy Accept respire Nucleus ✓ (1)	3			3		
(b)	(i)		Staining Ignore name		1		1		1
	(ii)		X 100		1		1	1	1
			Question total	5	2	0	7	1	2