

Unit 1

Key Area 5 Revision Questions

Mark Scheme

1. D
2. A
3. D
4. B
5. A
6. C
7. A
- 8.

(a)	(i)	Plasmid	1	Not acceptable: DNA/chromosome
	(ii)	2	1	
(b)	(i)	To ensure there are no other microbes/bacteria (or equivalent) present OR to prevent/stop contamination /cross-contamination/growth of other cultures	1	Not acceptable: To ensure nothing affects the growth of bacteria.
	(ii)	Temperature/pH/ O ₂ or CO ₂ concentration/ nutrient or food levels	1	Additional wrong answer would negate eg light.