

Answers to examination-style questions

Answers	Marks	Examiner's tips
1 (a) people in hospital more vulnerable to infection;	1	
poor hygiene by staff and visitors;	1	
(b) (i) repeating pattern;	2	The number of marks will tell you how many points you need to make. Try to describe trends and patterns not just quote numbers and dates.
highest numbers between January and March;		
(ii) mutation in DNA;	4 max	
in plasmid;		
bacteria with mutation more likely to survive;		
reproduce to increase numbers of resistant bacteria;		
allele frequency in population increases;		