

Question Number	Answer	Mark
8(a)	1. eukarya / eukaryote ; 2. archaea ; 3. bacteria ;	(3)

Question Number	Answer	Mark
8(b)(i)	1. idea that the species is reproductively isolated ; 2. produce offspring that are {sexually viable /fertile / eq} ; 3. many features in common / reference to homologous ;	max (2)

Question Number	Answer	Mark
8(b)(ii)	1. the number of different alleles / eq ; 2. in a population / gene pool ; 3. reference to allele frequency ;	(2)

Question Number	Answer	Mark
8(b)(iii)	<ol style="list-style-type: none"> 1. breeding programme / eq ; 2. careful selection of mate / eq ; 3. allowing only to mate with a different individual to previous mating / eq ; 4. only allowing those with different genes to mate / eq ; 5. use of genetic testing / eq ; 6. record keeping (studbooks) ; 7. reason for outbreeding ; 8. reintroduction to the wild / eq ; 	max (4)