

AQA Biology

GCSE Student book answers

B5 Practice question

Question	Answers	Extra information	Mark
01.1	AIDS – virus Malaria – protist <i>Salmonella</i> food poisoning - bacterium		1 1 1
01.2	1997		1
01.3	2320	allow answer in range of 2315–2325 as grid lines not on graph	1
01.4	any one from: <ul style="list-style-type: none"> not all people would visit the doctor not all people would give a sample for analysis 		1
01.5	any two from: <ul style="list-style-type: none"> chickens / poultry are now vaccinated against <i>Salmonella</i> food cooked thoroughly food stored in fridges / freezers raw and cooked foods stored separately people wash hands / surfaces before preparing food 	allow raw eggs not eaten allow food is not left at room temperature	2
02.1	less chlorophyll / leaves (so) less light absorbed or (so) less photosynthesis (so) less sugar / glucose / food made		1 1 1
02.2	use a fungicide (remove and) destroy / burn the infected leaves		1 1

GCSE Biology only			
03		only accept explanation if attempt at description made	
	sterilise Petri dish / agar / loop	accept description of sterilisation method ignore clean or disinfect Petri dish / agar / loop allow wash / clean / disinfect hands or do not touch agar / loop / milk with hands allow sterile gloves	1
	to kill / prevent transfer of bacteria / microorganisms	allow so no bacteria on allow fungi ignore viruses / germs	1
	tape the Petri dish lid or do not open the lid too far / too long	allow keep the lid on / Petri dish closed	1
	(so) less chance of bacteria / microorganisms getting in or less contamination from air	ignore to stop bacteria / microorganisms getting out ignore so air / oxygen does not get in	1