

Practice test mark scheme Foundation

Q	Expected answers	Marks	Additional guidance
1	a i A(1); C(1)	2	
	ii B (1); D (1)	2	
	c <ul style="list-style-type: none"> the microorganisms reproduce rapidly (1) the microorganisms produce toxins (1) 	2	
		6	
2	a <ul style="list-style-type: none"> bacteria (1) fungi (1) 	2	Subtract 1 if 3 answers ringed
	b the microorganisms causing the illness have developed resistance to the antibiotic (1)	1	
		3	
3	a (D) B A E F (C)	3	B anywhere before A (1) A anywhere before E (1) E anywhere before F (1)
	b <ul style="list-style-type: none"> more older people have high blood pressure more older women have high blood pressure than older men more younger men have high blood pressure than younger women 	2	Any two points. Allow reverse arguments
		5	
4	a measles, mumps, rubella	1	all three required
	b <ul style="list-style-type: none"> autism (1) epilepsy (1) 	2	
	c 95	1	
	d <ul style="list-style-type: none"> protects the child against getting the diseases prevents an epidemic spreading 	2	
		6	
Total		20	

Practice test mark scheme Higher

Q	Expected answers	Marks	Additional guidance
1	a A, C, B, C, B	3	five correct = 3 four correct = 2 two or three correct = 1
	b <ul style="list-style-type: none"> the microorganisms reproduce rapidly the microorganisms produce toxins 	2	
		5	
2	a bacteria and fungi	1	both required
	b i mutation	1	
	b ii <ul style="list-style-type: none"> antibodies should only be used when necessary (1) the ill person should always take the whole course of antibiotic tablets (1) 	2	
		4	
3	a i any two from: poor diet; stress; cigarette smoking; excessive alcohol intake	2	
	a ii genetic/inherited factor	1	
	b <ul style="list-style-type: none"> correlation between high blood pressure & heart attacks (1) correlation between between age & heart attacks (1) 	2	
		5	
4	a <ul style="list-style-type: none"> protects the child against getting the diseases prevents an epidemic spreading 	2	Suggestion (1) and explanation (1) Allow any valid suggestion.
	b <ul style="list-style-type: none"> giving three separate vaccinations would allow time for children to recover from any side effects parents could choose for their children to have one, two, or all three vaccinations 	2	
	c <ul style="list-style-type: none"> Suggestion: child protected sooner Explanation: takes some weeks to complete the course Suggestion: child protected against all 3 diseases Explanation: May not be vaccinated against all 3 Suggestion: other children safer Explanation: child not likely to pass on disease if it has been vaccinated 	2	
		6	
Total		20	