

Question	Answers	Extra information	Mark
01.1	G		1
	F		1
	B		1
	E		1
01.2	to prevent blood flowing backwards / the wrong way		1
01.3	(fatty materials can) narrow / block the arteries		1
	(so) less oxygen reaches the heart muscle cells		1
	(which) can result in a heart attack		1
01.4	(statins) reduce blood cholesterol		1
	slows down the rate of fatty material deposit	allow less fatty material deposits allow less narrowing / blockage of arteries	1
02.1	A = platelet(s)		1
	B = red blood cell(s)		1
	C = white blood cell(s)		1
02.2	any three from: <ul style="list-style-type: none"> • contain haemoglobin • do not have a nucleus • large surface area: volume ratio • can squeeze through narrow capillaries 		3
03.1	transpiration		1
03.2	day 3		1
	the conditions were hottest / driest / windiest		1
03.3	5.2	allow 1 mark for 5 / 5.20 if no other mark scored for calculation allow 1 mark for evidence of 40.4	2
	g / day		1

03.4	any two from: <ul style="list-style-type: none">• waxy cuticle forms a waterproof layer to trap water• leaf is rolled so stomata are less exposed to heat / wind• leaf hairs create a humid atmosphere• stomata are in sunken pits so area is humid / little air movement		2
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