

Year 10 2013 A

/ means OR eg. green / blue – answer needs green OR blue
 () means additional, not really required eg. Gauze (mat) – gauze would be sufficient
 : means AND eg. red : hot - answer needs red and hot.

Question	Evidence	Marks
One	(a) Electron - has a negative electrical charge Proton - is found in the nucleus of an atom Molecule - has two or more atoms bonded together	Two correct = 1 mark
	(b) electron Proton nucleus neutron	½ mark each = 2 marks
	(c) 11	1 mark
	(d) 23	1 mark
	(e) 12	1 mark
Two	(a) (i) cell membrane	1 mark
	(ii) vacuole	1 mark
	(b) Cell wall, vacuole, chloroplast (any 2)	½ mark each = 1 mark
Three	E A/B/C C/D A	½ mark each = 2 marks
Four	bramble – pollination = insect , dispersal = animal eats it goosegrass – pollination = insect, dispersal = animal sticks to fur sycamore – pollination = wind, dispersal = wind	½ mark each = 3 marks
Five	(a) Tectonic, seismometer, Richter	2-3 correct = 1 mark
	(b) Move rock upwards Body Love Secondary	½ mark each = 2 marks
Six	(a) Orange acidic 11 Light green neutral 5	½ mark each = 3 marks
	(b) D	1 mark
Seven	Limewater Pop sound Carbon dioxide Oxygen	½ mark each = 2 marks

