

9D

Mark Scheme (Levels 3-5)

Question	Level	Answers	Mark Scheme
1	5	a photosynthesis	1 mark
	3	b to obtain energy	1 mark
	3	c Tomato – fruit	1 mark
	3	Lettuce – leaves	1 mark
	3	Broccoli - flower	1 mark
2	5	a Any two from: space, light, water, mineral salts or minerals.	2 marks – 1 for each answer.
	3	b Ticks for hazel and nettles.	1 mark – both must be correct.
	4	c There will be less food for dormice; so there will be fewer dormice; so there will not be as much food for stoats. (NB – if pupils ticked rye grass in part b , accept an answer here based on fewer rabbits.)	3 marks – 1 mark for each point.
3	4	Use insecticides ... to kill pests.	2 marks – 1 mark for each one correct.
	5	Use chemical fertilisers ... to add mineral salts to the soil quickly.	
4	5	a Provides extra light for photosynthesis to happen.	1 mark
	5	b Provides more heat for photosynthesis reactions to happen.	1 mark

Level	Marks available	Cumulative level	Threshold level
3	5	5	3
4	4	9	6
5	6	15	12