1.	Three bags, $A$ , $B$ and $C$ , each contain 1 red marble and some green marbles.	
	Bag A contains 1 red marble and 9 green marbles only Bag B contains 1 red marble and 4 green marbles only Bag C contains 1 red marble and 2 green marbles only	
	Sasha selects at random one marble from bag A.  If he selects a red marble, he stops selecting.	
	If the marble is green, he continues by selecting at random one marble from bag <i>B</i> . If he selects a red marble, he stops selecting.	
	If the marble is green, he continues by selecting at random one marble from bag $C$ .	
	(a) Draw a tree diagram to represent this information.	(2)
	(b) Find the probability that Sasha selects 3 green marbles.	
		(2)
	(c) Find the probability that Sasha selects at least 1 marble of each colour.	(2)
	(d) Given that Sasha selects a red marble, find the probability that he selects it from base	g <i>B</i> . (2)