Question 11 – 1:

11(a)(i)	$\frac{1}{6}$ oe on all late branches $\frac{5}{6}$ oe on all not late branches	2	**B1** for one correct vertical pair $\frac{1}{6}$ oe and $\frac{5}{6}$ oe
11(a)(ii)	$\frac{5}{36}$ oe	2	FT *their* tree **M1** for *their* $\frac{1}{6}$ × *their* $\frac{5}{6}$
11(b)(i)	$(G \cup T \cup M)'$ oe	1	
11(b)(ii)	28	1	
11(b)(iii)	$\frac{17}{50}$ oe	1	

11(b)(iv)	$\frac{4}{7}$ oe	3	**M2** for $\frac{16}{21} \times \frac{15}{20}$ or **M1** for $\frac{n}{21} \times \frac{n-1}{20}$ or for $\frac{16}{21}$ and $\frac{15}{20}$ seen If 0 scored **SC1** for answer $\frac{256}{441}$ oe