

Question Number	Answer	Mark
7 (a)	1. idea of a {group / number / collection / eq} of cells ; 2. idea of working together to carry out the {same / specific / one / eq} function ;	(2)

Question Number	Answer	Mark
7 (b) (i)	C ;	(1)

Question Number	Answer	Mark
7 (b) (ii)	B ;	(1)

Question Number	Answer	Mark
7 (c) (i)	1. idea of preventing {microbes / bacteria / fungi} FROM {contaminating / escaping / entering / eq} ; 2. reference to {harmful / pathogenic / eq} {micro-organisms / eq} ;	(2)

Question Number	Answer	Mark
7 (c) (ii)	idea of allowing light in (for photosynthesis) / reducing water loss / prevent entry of organisms (that would affect plant growth) ;	(1)

Question Number	Answer	Mark
7 (c) (iii)	<ol style="list-style-type: none">1. (tissue R) is xylem ;2. (tissue R) is dead / eq ;3. no genetic material / DNA /genes / no nucleus present ;4. (tissue R) is not totipotent / eq ;5. it is already {differentiated / specialised} ;6. unable to {divide / undergo mitosis} / eq ;	(3)