Question Number	Answer	Additional guidance	Mark
5(a)(i)	An answer that includes the following point: • group of (similar) cells (working together to) perform a (specific) function (1)	ACCEPT cells with similar {structure / function / origin}	**(1)**

Question Number	Answer	Additional guidance	Mark
5(a)(ii)	An answer that includes the following points: • patient P has a mitotic index of 20 (1) • patient R has a mitotic index of 45 (1) • correct order of cancer stage identified (1)	e.g. P has an earlier stage of cancer (than R), R has a more advanced stage of cancer ACCEPT ecf from calculated MI for P and R	**(3)**

Question Number	Answer	Additional guidance	Mark
5(b)	An answer that includes at least one similarity and one difference: similarity: • the survival probability decreases over time (for all three stages) (1) differences: • stage I has the highest survival probability for all years whereas stage IV has the lowest probability for all years (1) • stage IV has the {fastest/steeper} decrease (in survival probability) / stage I has the slowest decrease (in survival probability) (1)	ACCEPT correct order of survival probability for a point on the graph	**(3)**

Question Number	Answer	Additional guidance	Mark
5(c)	A description that includes the following points: • correct description of a placebo being given to one group (and the other group receiving (anticancer) drug) (1) • neither the patient nor the doctor knows whether the patient is receiving (the drug or) the placebo (1)	ACCEPT description of a placebo e.g. has no active ingredient / already known drug / sugar pill / dummy drug ACCEPT scientist / researcher for doctor	**(2)**