

Question Number	Answer	Additional Guidance	Mark
3(e)	<ol style="list-style-type: none"> 1. idea that the number of mitochondria (in each cell) will be halved ; 2. so replication of mitochondria needed to restore original number; 3. (mitochondria needed) to provide {energy / ATP} for (cell) {growth / metabolism / cycle / mitosis} ; 	<p>3.ACCEPT example of growth or metabolism e.g. for duplication of organelles / for synthesis ofDNA</p>	(2)