

Question Number	Answer	Additional guidance	Mark
6(a)	<p>An explanation that includes four of the following points:</p> <ul style="list-style-type: none"> • cortical granules are released (from the egg cell) (1) • cortical granules fuse with the {zona pellucida / egg cell membrane} (1) • cortical granules release {chemicals / enzymes / proteins} to cause the hardening of zona pellucida (1) • prevents more than one sperm (cell) entering the egg cell (1) • egg cell and sperm nuclei are haploid and they fuse (during fertilisation) (1) 	ACCEPT prevents polyspermy	(4)