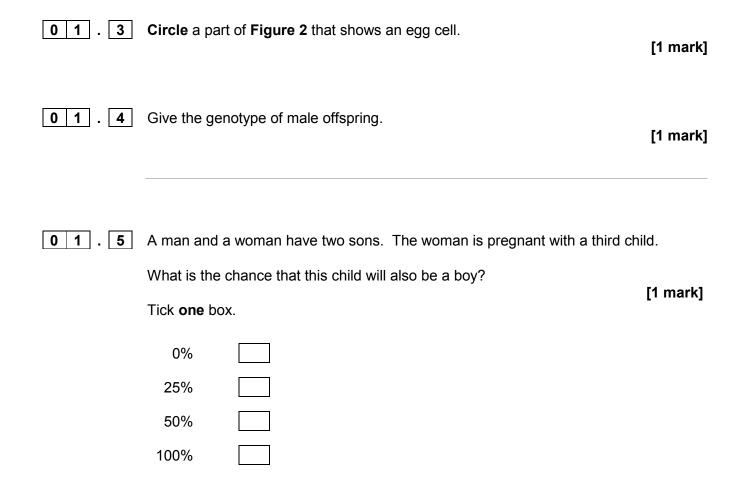
0 1	Figure 1 shows a human body cell.					
Figure 1						
	c					
0 1 . 1	Which part in Figure 1 cont	tains chromosomes?				
	Tick one box.		[1 mark]			
	A B C					
01.2		mosomes in their body cells. pe of cell to the number of chromosomes it cont	tains. [2 marks]			
	Type of cell	Number of chromosomes				
		10				
	Human body cell	23				
		46				
	Sperm cell	60				
		92				

Humans have two different sex chromosomes, ${\bf X}$ and ${\bf Y}.$

Figure 2 shows the inheritance of sex in humans.

Figure 2

	Mother		
		x	х
Father	Х	xx	XX
	Y	XY	XY



Question 1

Question	Answers	Extra information	Mark	AO / Spec. Ref.
01.1	Α		1	AO1/1 4.6.1.4
01.2			1	AO1/1 4.6.1.8 AO1/1 4.6.1.8
01.3	one x circled under mother	accept if clearly indicated choice even if not circled	1	AO1/1 4.6.1.8
01.4	ХҮ	allow YX	1	AO1/1 4.6.1.8
01.5	50 (%)		1	AO2/1 4.6.1.8
Total			6]