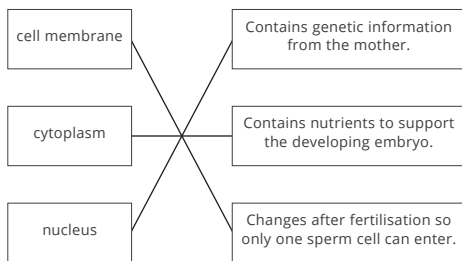




Human Reproduction Practice Exam Questions

Mark Scheme

Question 1

Question	Answers	Extra Information	Mark
1.1	flagellum	If more than one box is ticked, award no marks.	1
1.2	nucleus	If more than one box is ticked, award no marks.	1
1.3	(mitochondria) release energy for movement towards egg cell		1 1
1.4		Award 2 marks for all three lines correct. Award 1 mark for one or two lines correct. If more than one line is drawn from a box, award no marks for that box.	2
Total			6

Question 2

Question	Answers	Extra Information	Mark
2.1	ovary	If more than one box is ticked, award no marks.	1
2.2	uterus	If more than one box is ticked, award no marks.	1
2.3	holds the baby/foetus in place during pregnancy		1
2.4	1 14 5	Answers in this order only. Award 2 marks for all three answers correct. Award 1 mark for two answers correct.	2
Total			5

**Question 3**

Question	Answers	Extra Information	Mark
3.1	12	If more than one box is ticked, award no marks.	1
3.2	Any two from: <ul style="list-style-type: none">• the mean age for females to start puberty is higher than the mean age for males to start puberty• the range of ages for females to start puberty is greater than the range of ages for males to start puberty• the youngest age for females to start puberty is lower than the youngest age for males to start puberty	Allow converse statements.	2
3.3	Level 3: A detailed description of changes that take place in males, females and both is given and comparative language is used.		5–6
	Level 2: A simple description of some of the changes that take place in males, females and both is given.		3–4
	Level 1: There are simple statements describing some of the changes that take place during puberty. No attempt is made to compare which changes take place in males and which take place in females.		1–2
	No relevant content.		0
	Indicative content: Changes that occur in both males and females: <ul style="list-style-type: none">• body odour becomes stronger• growth of pubic hair• growth of underarm hair• growth spurts• acne or occasional pimples Changes that occur primarily in males: <ul style="list-style-type: none">• facial hair grows• increased muscle growth• shoulders broaden• testes and penis get bigger• testes start to produce sperm cells• voice deepens Changes that occur primarily in females: <ul style="list-style-type: none">• breasts develop• hips widen• menstrual cycle starts• vaginal discharge is produced		
Total			9